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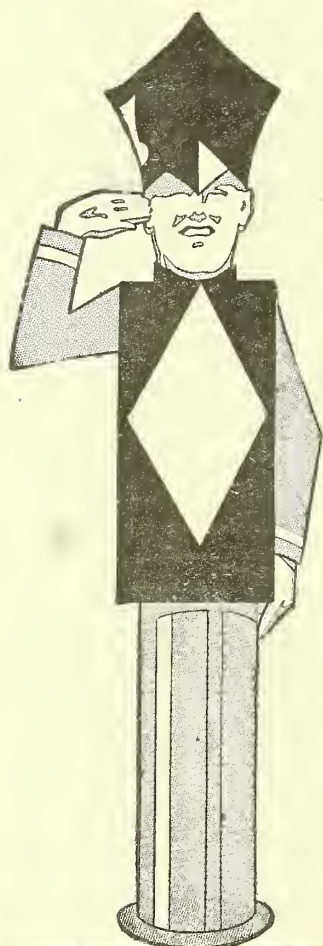
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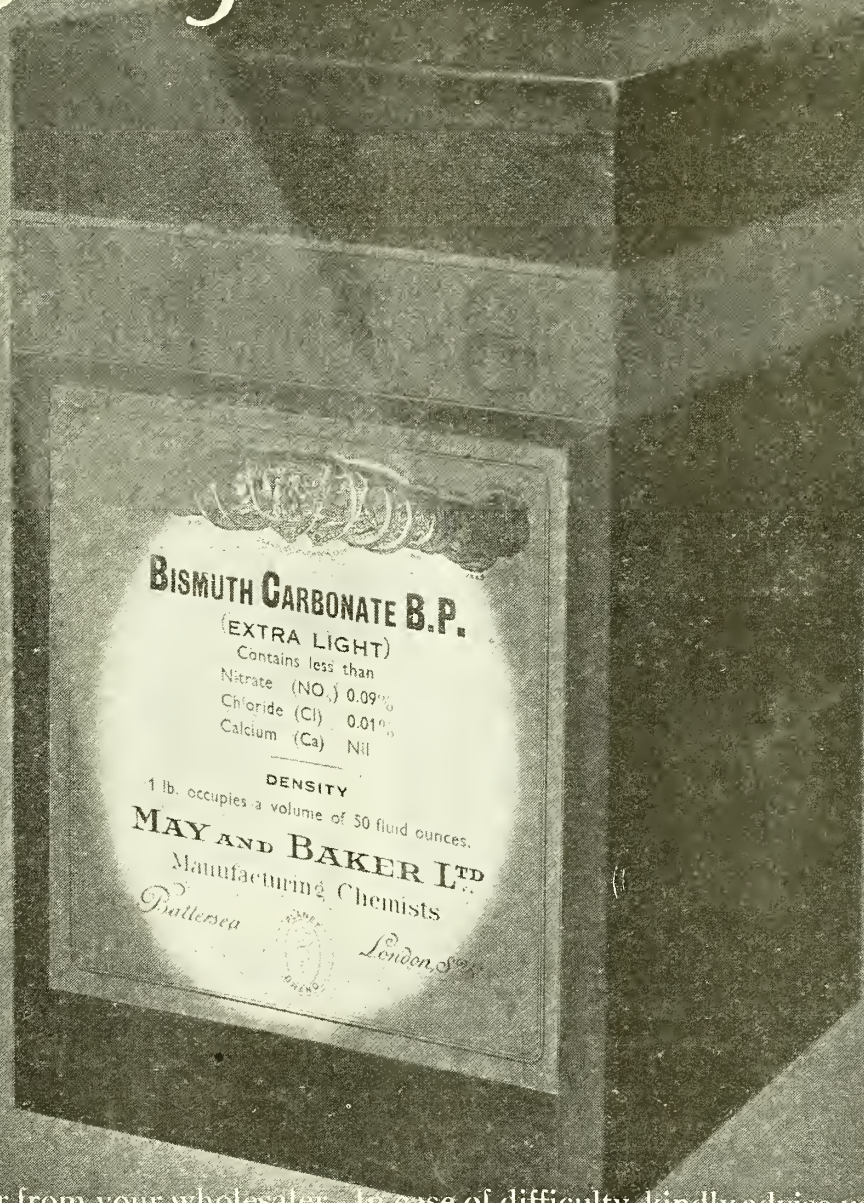
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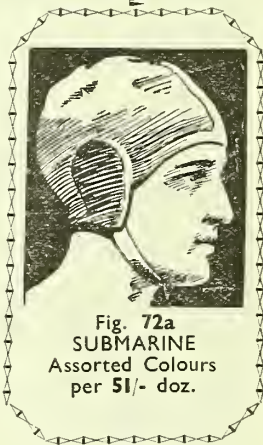
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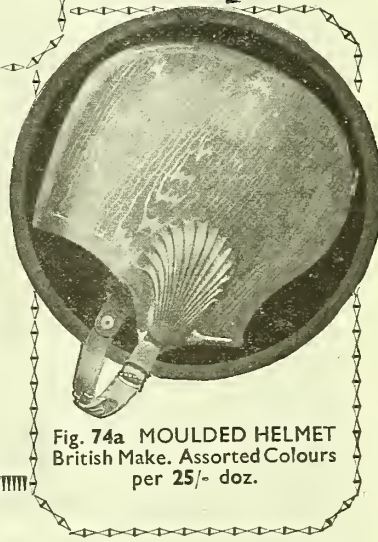


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INDEX TO ADVERTISERS

Adana, D. A. (Printing Machine) .. 23	Burt, Boulton & Hayward, Ltd. (Disinfectants) .. 6	Felling Zinc Oxide Co. (Zinc Oxide) ii
Amo Safety Razor Blade Co., Ltd. .. 23	Bush, W. J., & Co., Ltd. (Essential Oils, &c.) .. 4	Ferber, Robert, Ltd. (Capsules) ix
Anzora Perfumery Co., Ltd. (Hair Cream, &c.) .. 19	Butler & Crispe (Bathing Caps) .. 4	Fink, F., & Co. (Gums) .. 24
Arnott, J., & Sons, Ltd. (Olive Oil, &c.) .. xviii	Butywave Co. (Shampoo Powder) .. 16	Ford, Shapland & Co., Ltd. (Printing) xxii
Association of Manfg. Chemists, Ltd. Col. Supp.	Cainwal, Ltd. (Mineral & Aerated Waters) .. xiv	Garfield Tea Co. xii
Automatic Machine Co., Ltd. (Roll Film Machines) .. 12	Cartwright, W. B., Ltd. (Moorland Tablets) .. 9	George, Ernest J. (Valuer, &c.) Col. Supp.
Ayer, Harriet Hubbard, Ltd. (Beauty Preps.) .. 21	Christy, T., & Co. ("Ambrol" Cachets) .. 18-24	Gillette Industries, Ltd. (7 o'clock Blades) .. 17
Ayrton, Saunders & Co., Ltd. (Wholesale Druggists) .. 15	Clark, Cicero S. (Cachets) .. xii	Gledhill, G. H., & Sons (Cash Tills) xviii
Baile Bros. & Co., Ltd. (Wholesale Druggists) .. viii	Clark, S. F. (Valuer, &c.) .. Col. Supp.	Glycerine, Ltd. ii
Bardcng Quinine Factories .. vi	Coates & Cooper, Ltd. (Gomenol) .. x	Goffin & Co. Pty., Ltd. (Aspro) xiii
Beecham-Veno Central Distributing Depot .. xi	Cooper, McDougall & Robertson, Ltd. Leader Page	Gower, John (Books) .. Col. Supp.
Bell, John, Hills & Lucas, Ltd. (Pharm. Preps.) .. Leader Page	Corrugated Packing Materials Co., Ltd. (Corrugated Paper Boxes, &c.) .. 13	Graesser-Monsanto Chemical Works, Ltd. (Lysol) .. Cover
Berdoe & Fish (Valuers, &c.) Col. Supp.	Cox, A. H., & Co., Ltd. (Celery Pills, &c.) .. Cover	Grout & Co., Ltd. (Crêpe BanCages) 25
Blaker, R. S. (Rubber Gloves) .. 25	Crescent Preparations Co. (Eyelash Ointment) .. 24	Hackett, S. E. (Film Overstocks) .. Col. Supp.
Boxall, Smith & Co. (Nitresclearan, &c.) .. xii	Cupal, Ltd. (Progress) .. 7	Hampshire, F. W., & Co. (1927), Ltd. (Snowfire Cream) .. x
Brady & Martin, Ltd. (Galenicals, &c.) .. iii	Cuxson, Gerrard & Co., Ltd. (Carnation Corn Caps) .. 24	Harkness, Beaumont & Co., Ltd. (Disinfectant) .. ix
British Aluminium Co., Ltd. (Aluminium Containers) .. 25	Debaeq & Harrop (Toilet Preparations) .. 19	Harley, T. (Rodine) .. xxiii
British Drug Houses, Ltd. (Chemists' Exhibition) .. 30	Dee Oil Co., Ltd. (Petroleum Jelly) .. vi	Hill, Thos., Engineering Co. (Hull), Ltd. (Bottle Washing Machinery) xxiii
British Industrial Gases, Ltd. (Oxygen) .. 28	D.H.A. Agencies, Proprietary, Ltd. .. vi	Holroyd's Oil & Ceresine Co., Ltd. .. 24
British Xylonite Co., Ltd. (Halex Toothbrushes) .. 24	Dick, W. B., & Co., Ltd. (Liquid Paraffin) .. xvi	Hopkin & Williams, Ltd. (Chemicals) .. ii
Britton, Malcolm & Waymark, Ltd. (Druggists' Sundries) .. xxi	Dudley & Co., Ltd. (Toothbrush Display Sets) .. 22	Horlicks Malted Milk Co., Ltd. .. 24
Bronnley, H., & Co., Ltd. (Toilet Luxuries) .. v	Duncan, Flockhart & Co. (Dusting Powder) .. iv	Hubbuck, T., & Son, Ltd. (Oxide of Zinc) .. iv
Burge, Warren & Ridgley, Ltd. (Surgical Rubber Goods) .. 25	Edge, Wm., & Sons, Ltd. (Drummer Dyes) .. 28	Iglodine Co., Ltd. (Iglodine) .. ix
Burney Snapshot Service (D. & P. Service) .. 12	Edwards, W., & Sons ("Astoria" Toilet Preps, &c.) .. 20	Ilford, Ltd. (Selo Films) .. 2
Burroughs, J., Ltd. (Alcohol) Leader Page	Evans, Gadd & Co., Ltd. (Corners Oils) .. x	Impex Co. (Rarlew Shaving Requisites) .. 22
Burroughs, Wellcome & Co. ("Hazeline" Snow, &c.) .. 29	Fairy Dyes, Ltd. (Dyes) .. 8	Iodent Laboratories (I-odent Tooth Paste) .. 20
	Farmer, Leopold, & Sons (Building Lots) .. 12	Jackel et Cie (of Paris), Ltd. (Hair Cream, &c.) .. 16
		Jacobs, A. H. (Hypodermic Needles, &c.) .. 25
		Johns, Son, & Watts, Ltd. (Cartons) .. 13
		Johnson & Sons Mfg. Chemists, Ltd. (Lysol) .. iii
		Josephs, Philip, & Sons, Ltd. (Shop-fittings) .. Col. Supp.

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INDEX—cont.

Kaydor, Ltd. (Morfi Rubber Products) 25	Oldfield, Pattinson & Co. (Pharm. Preps.) 5	Stemco, Ltd. (Liquid Paraffin) xvii
King, G., & Co., Ltd. (Foods) 13	Oppenheimer, Son & Co., Ltd. (Roboleine, &c.) 8	Sterns, Ltd. (Oils, Petroleum) xix
Kinross, A. (Printing) xxii	Orridge & Co. (Valuers, &c.) Col. Supp.	Stevens & Manning (Sieves & Gauzes) xxiii
Lennon, Ltd. (South African Agencies) vi	Parke, Davis & Co. (Hydrogen Peroxide) 23	Stevenson & Howell, Ltd. (Floral Oils, &c.) 1
Levermore, A., & Co., Ltd. (Precipitated Chalk) 24	Perry & Hope, Ltd. (Phosphate of Soda) xii	Stewart, Goodall & Dunlop, Ltd. (Nuctone) 18
Locksall Bath Salts 24	Petrolagar Laboratories, Ltd. ("Neobovine 20") viii	Superfine Chemicals, Ltd. (Bath Salts) 24
Lofthouse and Saltmer, Ltd. (Ballroom Floor Polish) xiv	Pharmaceutical Supplies, Ltd. (Sans Gene, &c.) 25	Surgical Hosiery Co., Ltd. xx
McClure, Young & Co., Ltd. (Seasonable Lines) viii	Pitman, Sir Isaac, & Sons, Ltd. (Books) 12	Tatcho Laboratories (Hair Preps.) 24
Macfarlan, J. F., & Co. (Chloroform, &c.) Cover	Poth, Hille & Co. (Bees Wax) xvii	Taylor, John (Cimolite Toilet Preps.) 19
McGlashan, D., Ltd. (Abdine) xiv	Potter & Clarke, Ltd. (Wholesale Druggists) 27	Thacker, W., & Co. (Indian Medical Directory) 24
Marie Antoinette Co. (Morgau's Pomade) 22	Prideaux's, Ltd. (Dried Milk) xiv	Thurley, G. E., & Son (Liquid Paraffin) xviii
Matthews, D., & Sons (Shopfittings) Col. Supp.	Pure Russian Liquid Paraffin Co., Ltd. xix	Towle, E. T., & Co., Ltd. (Pennyroyal Pills, &c.) xii
Matthews Laboratories, Ltd. (Puritan Salts) Leader Page	Reddgrave Sitara, Ltd. (White Oils) xvi	Townsend, James, & Sons (Showcards) xii
Maud, J., & Co., Ltd. (Tablet Compressors) 24	Rendell, W. J., Ltd. (Quinine Pessaries) xx	Transparent Paper, Ltd. (Diophane) xxii
Maund, F., & Berg, E., Ltd. (Showcases) Col. Supp.	Riley, J., & Sons, Ltd. (Hypo) iii	United Glass Bottle Manufacturers, Ltd. (Medical Bottle Service, &c.) xxiv-xxvi
Maw, S., Son & Sons, Ltd. 11	Roberts & Co. (Robuval) ix	Vareen, Ltd. (Manicure Requisites) Leader Page
May & Baker, Ltd. (Pharmaceutical Chemicals) 3	Roberts' Patent Filling Machine Co. xxii	Wagner, R. V. (Bottle Caps) xxiv
Meade-King, Robinson & Co., Ltd. (Petroleum Jelly, &c.) xviii	Robinson & Sons, Ltd. (Boxes and Cartons, &c.) xxv	Wanie Distributing Co. (Blades) 16
Meggeson & Co., Ltd. (Bismuth Dyspepsia Tablets, &c.) i	Rose, J. L., Ltd. (Pyrogallie Acid) vi	Warrington Chemical & Drug Co., Ltd. iii
Methylating Co., Ltd. (Methylated Spirit) xvi	Rosmarie Mfg. Co. (Petat Dust) 20	Watts, John (Sheffield & London), Ltd. (Safety Razor Blades) 18
Millar, A., & Co., Ltd. (Orange Wine) xiv	Rowland, A., & Sons, Ltd. (Macassar Oil) 19	Webster, T., & Co., Ltd. (Milk Bottle Cover Remover) xxiv
Mitchell, N. W., & Snow, Ltd. (Corks) xxiv	Rudduck & Co. (Shopfittings) Col. Supp.	Westminster College of Pharmacy 12
Mosans Quinine Pessaries 21	Sangers, Ltd. (Photographic Goods) 14	Whiffen & Sons, Ltd. (Bromides, &c.) vii
National Union of Drug & Chemical Workers Col. Supp.	Sasso, P., & Figli (Olive Oil) 26	Whitaker & Co. (Kendal), Ltd. (Hat Dyes, Household Dyes) 10
Nestlé & Anglo-Swiss Condensed Milk Co. (Lactogen) xv	Scherer, Ltd. (Pharmaceutical Specialities) Leader Page	White, Tomkins & Courage, Ltd. (Engenol, &c.) 16
Newbery, F., & Sons, Ltd. (New Catalogue) xiv	Scruton, O., & Co. (Nurse Harvey's Mixture) 12	Wilcox, Jozeau & Co. (Foreign Proprietaries) Leader Page
Novio Paper Co. (Toilet Paper) xx	Scurr, C. A. (Optical Tuition) 12	Wyles, Ltd. (Pharmaceuticals) Cover
	Seyfried, J. F., & Sons, Ltd. (Olive Oil) xiv	
	Shadeine Co. (Hair Dyes) 24	
	Sherley, A. F., & Co., Ltd. (Dog and Cat Medicines) xxiii	
	Smith, T. & H., Ltd. (Alkaloids) Cover	
	Staniform, Ltd. (Ointment) xii	
		Zeal, G. H., Ltd. (Clinicals) xxi
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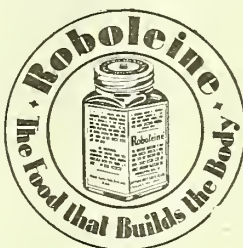
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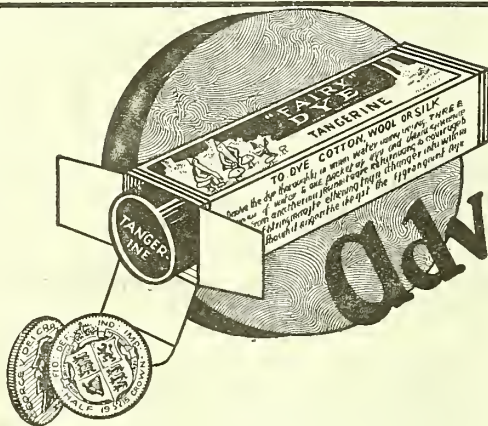
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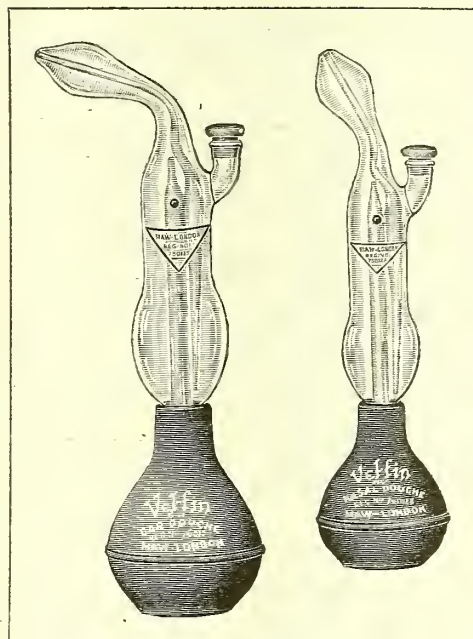
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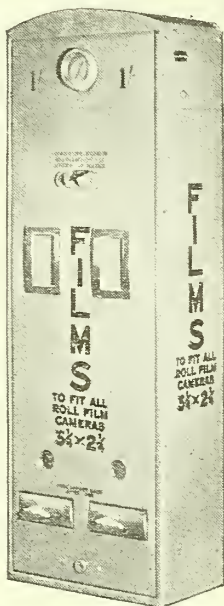
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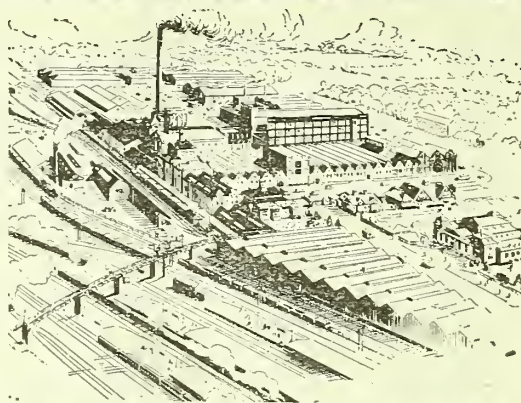
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D & P

(Return Post Service)

WE PAY POSTAGE BOTH WAYS.
FREE WALLETS WITH YOUR
NAME. Show Material and Linen
Window or Sunblind Streamer Free.
POST CARD ENLARGEMENTS - 4 1/2d.

Burney Snapshot Service, Boundary St., Belle Vue, Manchester

MANY SUCCESSSES IN THE EXAMINATIONS

Your Opportunity to

QUALIFY IN OPTICS

PRACTICAL WORK. Students taking the course
may receive personal tuition in the practical work
AT ANY TIME DURING THE COURSE.

Expert Tuition for the SIGHT-TESTING DIPLOMAS of the Worshipful Company of Spectacle Makers (F.S.M.C.); the British Optical Association (F.B.O.A.); the National Association of Opticians (N.A.O.); or the College of Optics (F.C.O.).

Write for full particulars—

G. A. SCURR, M.P.S. F.S.M.C. F.B.O.A. F.N.A.O. B.Sc. F.I.O. F.C.O.
50 HIGH STREET, BARNET, LONDON, N.9
S.A. Representative: E. E. G. WOOLLEY, F.S.M.C., M.P.S., P.O. Box 1769
Durban.
N.Z. Representative: R. C. AITCHISON, Box 158 PALMERSTON, North.

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & CO., YORK

MALTED FOODS

SPECIAL FOODS DEVISED, INQUIRIES INVITED

GEORGE KING & CO., LTD.
SYCAMORE ST., LONDON, E.C.1

'Phone : Clerkenwell 3383. Wires : "Food-o-kings, Barb. London."

IN TINS OR TONS

*Corrugated Packing
Materials Co., Ltd.*

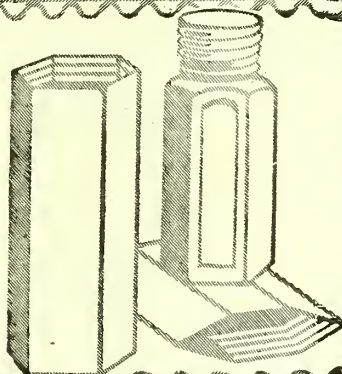
PHONE :
EAST 0401.

WIRES :
"CORRUPAPER,
MANCHESTER."

*4, Ambrose St.,
West Gorton, Manchester*

**BOXES, CARTONS,
PARTITIONS, &c.**

for all purposes.



FINE CARTONS

will help you to sell your goods

May we quote you for

Established 1842

**CARTONS, PLAIN AND
FANCY BOXES,
SHOWCASES, FOLD-
ING BOXES, WIRE-
SEWN BOXES,
PRINTED AND EM-
BOSSSED LABELS,
SHOWCARDS, ETC.**

JOHNS, SON & WATTS, LD

40, CITY RD, LONDON, E.C.1

Phone: Clerkenwell 1128 (6 lines). Grams: "Johns. Phone London."



START PUSHING
THE PHOTOGRAPHIC
SIDE OF YOUR
BUSINESS NOW.

We supply Films, Papers, Plates, Cameras, Chemicals, Developers and all Accessories from stock at top speed. Specials obtained at short notice.

Our speedy turn-over ensures stocks being renewed at frequent intervals.

Sanger's
LIMITED

258 EUSTON RD., LONDON, N.W.1

and at

BRISTOL . . . NEWCASTLE-ON-TYNE

ASPIRIN TABLETS

	<input type="checkbox"/> 25's	<input type="checkbox"/> 50's	100's
Per dozen	3/6	5/6	8/-
1 gross	3/4	5/2	7/6
2 „	3/3	5/-	—
3 „	3/2	—	—
5 „	3/-	—	—

CASCARA TABLETS

	<input type="checkbox"/> 25's	<input type="checkbox"/> 50's	100's
Per dozen	3/3	5/-	7/9
1 gross	3/1	4/8	7/3
2 „	3/-	4/6	—
3 „	2/11	—	—
5 „	2/9	—	—

**WORTH YOUR WHILE TO WRITE US IF
YOU CAN HANDLE LARGER QUANTITIES**

THE STYLES AVAILABLE

ALL WITH CHEMIST'S OWN NAME

“C” STYLE

Oval blue label printed in black. Finest quality white-flint bottle with frosted aluminium screw-cap. Grey and white check-pattern carton.

“D” STYLE

Oval white label with black letterpress. Finest quality white-flint bottle with frosted aluminium screw-cap. Quietly but effectively designed carton.

“RESERVABLE” SERIES

The famous method by which the Chemist selects his own label-design with name and reserves it wholly for himself in his neighbourhood. Nearly 150 Pharmaceuticals can be incorporated in the Chemist's scheme and labelled with his chosen own-name design.

A profusion of display material is at the service of each of the Reservable Series, including cut-out frame cards, and over 100 inserts by which topical and seasonal items can be quickly featured. Each series has for its support a beautifully executed window-pelmet or valance: under no circumstances could a similar pelmet be used by any other chemist inside a radius of two miles.

STAR SERIES. Chemist's own name on label, featuring “The Sign of the Star,” printed in four colours, with carton to match.

PURPLE KEY SERIES. This series has a key design in purple, mauve and black. Carton follows general colour scheme.

ANCHOR SERIES. Central feature is the “Anchor Mark” rendered in four colourings with carton in accord.

MORTAR SERIES. “Ye Mark of Ye Mortar,” in red and black, with cartons in similar strong appeal.

SPECIMEN PACKS SENT TO ANY TRADING CHEMIST

AYRTON, SAUNDERS & CO. LTD.

34 Hanover Street

::

LIVERPOOL, ENG.

CLOVE OIL. EUGENOL. ISOEUGENOL. CINNAMON BARK OIL.

White, Tomkins & Courage Ltd.

REIGATE



**TWO
SIXPENNY
GOOD
SELLING
LINES**



Patent Spraying Container.

**WILL INCREASE
YOUR
TURNOVER
AND PROFIT**

BUTYWAVE SHAMPOO



ANOTHER JACKEL'S HAIR CREAM

To meet a widespread demand we are now marketing a new preparation named Oilafix. It is merely our well-known non-greasy Hair Cream with added oil. Oilafix does not compete with Jackel's Hair Cream—but you should stock both. Many customers to-day demand an 'oil Cream'.

Both are the best of their class—
The original and leading Creams.

OILAFIX Trade Terms:
12/- per doz., retailing at 1/6 per bott.
20/- per doz., retailing at 2/6 per bott.

JACKEL'S HAIR CREAM
11/6 per doz., retailing at 1/6 per bott.
18/- per doz., retailing at 2/6 per bott.

JACKEL et CIE (of Paris) Ltd.
GLASGOW, C.2

London Agents: THE PHIL-SANO Co., Ltd., Craven House, Kingsway, W.C.2



For Speedy Sales—

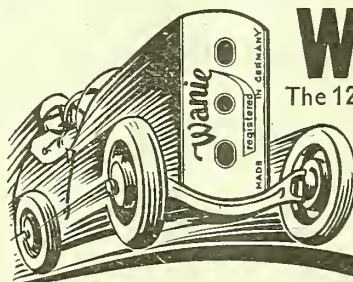
WANIE

The 12 Shave-power Blade
**A WINNER
EVERY TIME!**
8/- PER GROSS

For Sample, write to—
Dept. C.D.,

WANIE DISTRIBUTING CO.
89 Aldgate High St., E.C.3

Northern Distributors: S. Kalisky (Aldgate), Ltd., 16 Withy Grove, Manchester.
Irish Free State Agents: Messrs. W. A. Freedman & Co., 21 Merchant's Quay, Dublin.



**7 O'CLOCK
BLADES**
DOUBLE EDGED

**PROTECTED
RETAIL PRICE—**
Pkt. of 4.....1/-
WHOLESALE PRICES
6 doz lots
35% and 2½% cash.
Under 6 doz lots
30% and 5% cash.

*The extra good
blade at the
popular price*

7 O'CLOCK
REGD TRADE MARK
PATENT NOS.
272629 - 272763.

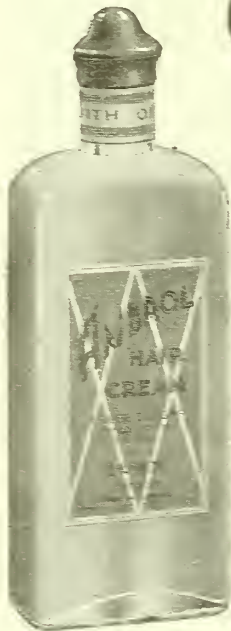
There are high priced blades which fit all Gillette type frames. There are low priced blades which don't. The 7 O'CLOCK is the blade the public have waited for. Good in quality, low in price, and fits both old and new Gillette razors. Retailing at 1/- per packet of four, and with a fully protected margin of profit for you—being marketed under the strictest possible price maintenance plans.

A large advertising campaign will make known this new blade to the public. A display card and a large range of advertising showcards will enable you to associate yourself with it and obtain your share of the profit.

Order now either through your usual wholesaler or direct.

Gillette Industries Limited,
197/207 City Road, London, E.C.1

"Ambrol"



THE NEW FIXATIVE HAIR CREAM Does Not "Powder" the Hair

"AMBROL" is entirely different from all other Hair Creams. It keeps the hair in position, but does not clog nor form a powder. The oily variety is perfectly emulsified and never requires shaking.

"AMBROL" is a high class line with the most attractive appearance of any cream on the market, being of a delightful golden tint, with a most artistic label in gold and colour.

1/- size 8/- dozen

1/6 " 12/- "

2/- " 16/- "

WITH OR WITHOUT OIL

Samples on application.

BONUS of THREE BOTTLES
with every three dozen, also name
and address on label.

THOS. CHRISTY & CO.

4 Old Swan Lane, London, E.C.

NUCTONE

SAFE HOME TREATMENT FOR GREY HAIR

Your customers will buy from you all they need to restore fading hair to its natural colour if you display Nuctone, the *safe home treatment*.

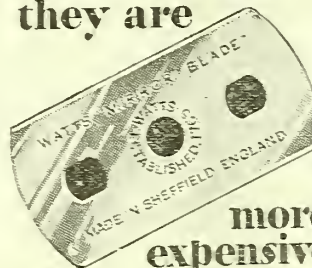
There are hundreds of your customers who would prefer to buy their Nuctone Gradual from you . . . And new customers who'll seek you when they hear you stock it.

*Order through your usual wholesaler or direct from
J. C. Gamble & Co. Ltd., 211 Blackfriars Road,
London, S.E.1.*

Manufactured by
STEWART, GOODALL & DUNLOP, LTD.

★ FOR GREY HAIR ★

Even though they are



more
expensive

The New Watts "Mirror" Blades

These wonderful Blades with their Rustless Reinforced Edges of Stainless Steel treated by a secret process are worth the extra cost. They are keener and give more and better shaves than any others on the market. The Edges are absolutely rustless in any climate.

Watts Mirror Blades
Packed in Patent Spring Lid
Nickel-plated Containers of
10 for 3/4

Also Packed in cartons of
5 for 1/8
Giving the Retailer 66 2/3 %
PROFIT on cost.

JOHN WATTS (Sheffield & London) Limited
Lambert Works, SHEFFIELD.
London: 18 Soho Square, W.1.
Established over 150 years.

TO GET INTO DIRECT TOUCH

with the best buyers of Drugs,
Chemicals, and allied products

ALL OVER THE WORLD

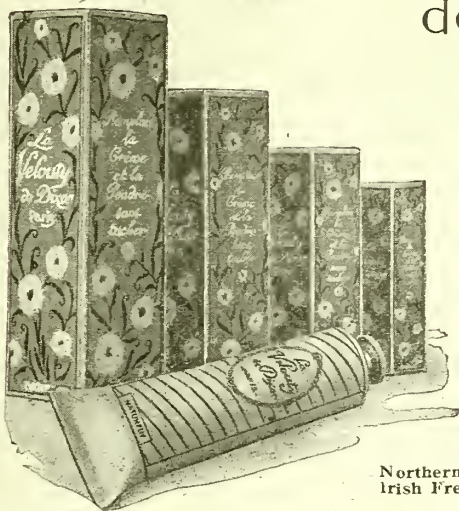
use regularly the publicity
service afforded by

THE CHEMIST & DRUGGIST

The original combined Cream and Powder

la **VELOUTY**

de **DIXOR** Paris



The advertised line that you are asked for.

NOW ON P.A.T.A.

Samples free upon receipt of trade card or billhead.

PRICES:—No. 1. Handbag tube	3/-	doz.	Retail - 4½
No. 2. Small tube	4/-	"	" - 6
No. 3. Medium tube	7/-	"	" 1/-
No. 4. Large tube	14/-	"	" 2/-
No. 5. Super tube	22/-	"	" 3/-
Pots	21/-	"	" 2/9

Made in four shades:

WHITE, IVORY, NATURAL and OCHRE.

Obtainable from your regular Wholesaler or direct from the Sole British Agents:

DEBACQ & HARROP,

68 Newman Street, Oxford Street, London, W.1.

Sole Distributors for

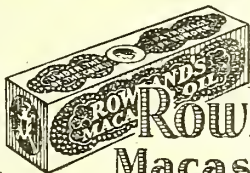
Northern Ireland: ROBERT MAYRS & CO., 43 Chichester Street, BELFAST
Irish Free State: MAY, ROBERTS & CO. LTD., Grand Canal Quay, DUBLIN

Tried & Proved

Rowland's Macassar Oil is no new preparation; it has been used all over the world for more than 137 years and everywhere it is held in the highest esteem. It is guaranteed to

P.A.T.A.
3/6, 7/-
& 10/6

Red for
dark hair;
golden for
fair or
grey hair.
From all
Wholesalers



Rowland's
Macassar Oil

A. ROWLAND & SONS, Ltd., 112 Guilford St., London, W.C.1

RMAT

TAYLOR'S CIMOLITE TOILET POWDER

THE PERFECT POWDER FOR NURSERY USE



A perfectly bland and non-irritating Powder, invaluable in all cases of Excoriations, Chafing, Roughness of the Skin, etc. Recommended by eminent skin doctors and recognised as the leading Toilet Powder for over 70 years by the nursing profession. Used in the Royal Households.

In deference to the many requests received from users of "CIMOLITE," a sprinkler tin to retail at 1/1½ is now available. This new packing is in addition to the familiar 1/1½ packet which is still on the market.

When ordering please specify TINS or PACKETS.

"CIMOLITE," in all sizes, also CIMOLITE SOAP AND CREAM, is stocked by all Wholesale Chemists and Druggists.

TERMS and ILLUSTRATED PRICE LISTS, also ATTRACTIVE SHOWCARDS, Counter Bills and other selling literature, obtainable from

JOHN TAYLOR, 30 Baker Street, Portman Square, LONDON, W.1.

Two of the Best!



.. for
steady
sales.

TRADE TERMS

12/- doz.
Retail at 18/-

20/- doz.
Retail at 30/-

SHOWCARDS & CUTOUTS

A supply of attractive Showcards and Cutouts for Window Display sent post free.

ANZORA PERFUMERY CO. LTD.,

London, N.W.6.

Men who use Anzora never change—they know it to be the finest hair fixative. That is why Anzora Cream and Anzora Viola are in constant demand. Never "run out" of Anzora—you'll lose sales if you do! All reputable wholesalers stock Anzora, but if you have any difficulty write direct.

ANZORA
MASTERS THE HAIR.

WILLIAM EDWARDS & SONS

"ASTORIA" TOILETS AND HAIR PREPARATIONS

Most Attractive Show Stands Supplied.

Brilliantine
Violet Oil
Jasmin Oil
Toilet Paraffin
Hair Creams
Bay Rum
Bay Rum & Canth.
Eau de Quinine
Lavender Oil
Honey & Flowers
and
Camomile, Henna,
C N Oil, & Pine Tar
Shampoos



In handsome
Bakelite
Screw Cap
Bottles

Capacity 4 ozs.

per doz.

8/-

retail @ 1/3

WILLIAM EDWARDS & SONS

Wholesale and Export Druggists' Sundriesmen, 14-18 Nile Street, City Road, LONDON, N.I.

*If its
Customers
you want*

YOU SHOULD STOCK

PETAL DUST

*"Wherein the subtle savour of the Flowers
sublimely dwells."*

THE GREAT FLORAL AIR PURIFIER

A TRIAL WILL CONVINCE YOU THAT—

PETAL DUST, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

PETAL DUST, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

RETAILS IN PACKETS AT 4d. AND 8d. EACH.

Attractive Advertising matter free on request.

*Obtainable through all the usual Wholesale Houses or from
Sole Producers:—*

THE ROSMARINE MANUFACTURING CO.
LONDON, S.E.1

READ THIS

"Send me 12 dozen small and 4 dozen large IODENT by return and let me know if I can be sole agent for this line."

NOW THIS

"Send me 9 dozen small and 9 dozen large and give me sole agency for IODENT."

I-o-dent

THE ORIGINAL IODINE TOOTH PASTE

6d. size 3/3 per dozen

1/- " 6/6 " "

Full display with 6 doz. Carr. paid

IODENT LABORATORIES
56 DURHAM ROAD, HOLLOWAY, LONDON, N.7.

All for  Beauty



Beauty Preparations that make life-long friends—of retailers and customers alike

Wherever they go, the Harriet Hubbard Ayer preparations make happy and satisfied friends. Long famous in America, they have taken less than three short years to make a name for themselves among discriminating British women—to be stocked by every important retailer throughout the country.

This astonishing success is undoubtedly due to two things. First, the fact that each preparation fulfils more than one function—the favourite, Luxuria, for instance, combining the virtues of a cleanser, bleacher and skin food. Secondly—the extensive and judicious advertising which appears constantly in all the fashionable periodicals, and in the national press.

If you would share in the rapidly increasing demand, now is the moment to take up the Harriet Hubbard Ayer Preparations.

Write to Harriet Hubbard Ayer Ltd., 130 Regent Street, W.1., for a full catalogue and terms. Or, better still, call and see our spacious new showrooms, and receive all particulars personally.

The retail prices for the famous Luxuria Cream are 2/3, 4/6, 8/6, 11/9.

HARRIET HUBBARD AYER
LTD

Beauty Preparations

NEW YORK

LONDON

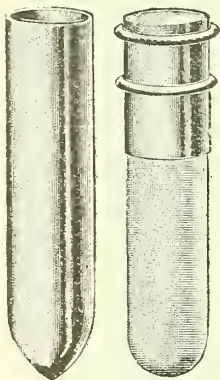
PARIS

SOME "RARLEW" SHAVING REQUISITES

One Quality—the BEST

:

Splendid Sellers



Styptic Pencil

The "RARLEW" STYPTIC PENCIL

In Nickel or Gilt Cases

Price ... 3/3 per Card of 1 Dozen

The "RARLEW" ALUM BLOCK

In Nickel or Gilt Cases in separate cartons,
and delicately perfumed

Price ... 8/6 per dozen

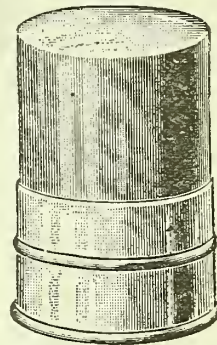
The "RARLEW" ALUM CUBES

Paper wrapped and in cartons

Price (larger) ... 3/6 per dozen

" (smaller) ... 3/- " "

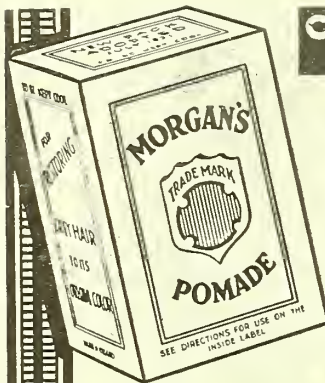
Both Alum Blocks and Cubes can be had in White, Mauve or Lemon



Alum Block

Retailers can obtain these through their usual Wholesale Houses

or direct from THE IMPEX COMPANY, 60/61 Chiswell St., LONDON, E.C.1. 'Phone: Met. 3050



COMMENCING
JULY 1ST

HERE IS
THE
NEW
PACKAGE
FOR

MORGAN'S POMADE

The new carton is a great improvement on the old wrapping—easier to handle—easier to store—and more dignified.

But Morgan's Pomade—the old, well-tried remedy for restoring grey hair to its original colour—remains exactly the same. It will now sell even better than ever now the packing is more attractive.

Purchasers have been advised of this intended change.

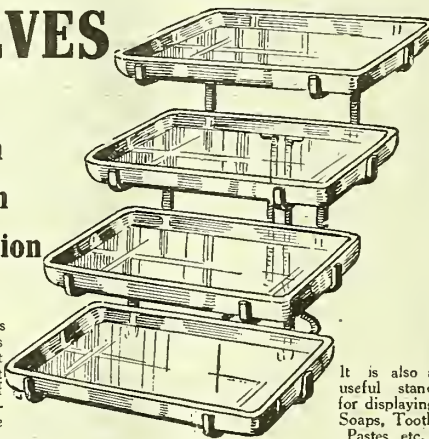
Trade terms and full particulars from:

The MARIE ANTOINETTE Co., Ltd.
149 Junction Road, Upper Holloway, N.19.

SOLVES

the
Tooth
Brush
Question

Tooth Brushes have always been a difficult line to serve, but with the aid of this stand customers can serve themselves.



It is also a useful stand for displaying Soaps, Tooth Pastes, etc.

No. C.S.F. 2851—Very attractive COUNTER DISPLAY STAND. Constructed of mild steel finished silver colour and complete with four clear glass trays, size 11½ x 7 x 1 in. Each tray is slightly sloped, rendering the goods easy to see and to select from. The overall height is 15½ in., width 12 in., back to front 15 in.

22/6 each complete

Send for a copy of our new illustrated 48 page list No. CD 1180 free on request.

DUDLEY & COMPANY, LTD.

451 HOLLOWAY ROAD, LONDON, N.7

City Showrooms: 65-66 Fove Street, E.C.



"One Sale Makes Many"

BECAUSE it is a dependable product, active to the last drop, P., D. & Co. Peroxide brings customers back again for more. Such satisfied regular customers constitute a valuable business asset, especially as they are the kind that prefer quality to quantity.

Use this customer-holding and profit-making peroxide to *your* advantage. It is an excellent line to buy on the special terms available. Ask our representative for particulars, or write to us for them.

PARKE, DAVIS & COMPANY
50 Beak St., London, W.1

HYDROGEN PEROXIDE

SOLUTION
(PARKE, DAVIS & CO)

PRECIPITATED CHALK

LIGHTEST—MEDIUM—DENSE.
And All Other Grades To Suit Every Purpose.
CHEMICALS FOR ALL INDUSTRIES.

Phone: Mansin House 1900. Tel. 4661: "Lettermore, Phone, London."
A. LEVERMORE & CO. LTD. ABC Codes.
110 CANNON STREET, LONDON, E.C.4. *For & Sole Importers.*

PARAFFINUM LIQUIDUM B. P.

EXTRA HIGH VISCOSITY HOLROYD'S OIL & CERESINE CO., LTD.
3 New London St., London, E.C.3. *Phone: 1335 Lond. West-End-Importers, Ltd.*

FRED K. FINK & CO.

10 & 11 MINING LANE, LONDON, E.C.3.

TELE. 80742, 8074.

GUMS ARABIC and TRAGACANTH as Imported or
Finely Powdered. SHELLACS ALL GRADES.

"LOOKSAL"

MEDICATED BATH SALTS

The New Brim Salt Lotion

for Rheumatism, Gout and all Kindred Affections

are being advertised to the public and are recommended by the Medical
profession. Ready packed. Good profits. Your usual wholesaler can
supply. Advertising matter and order bills gladly sent on request.

Special terms from the manufacturer.
"LOOKSAL" 39 PRINCESS STREET, MANCHESTER.

THACKER'S INDIAN MEDICAL DIRECTORY, 1931

CONTENTS: Royal Army Medical Corps, Indian Medical
Service, Indian Medical Department, Foreign Practitioners,
Dentists and Dental Surgeons, Dispensaries, Chemists and
Druggists, Nurses and Midwives, Medical Missions.

Price: - - NINE SHILLINGS, postage extra.

W. THACKER & CO., 1, Great Lane, Ludgate Hill, E.C.4

TABLET COMPRESSORS & PACKERS TO THE TRADE

J. MAUD & CO., LTD.

Customers' own formulae or material compressed from 1-gr. to 50-gr.
OUR SPECIALITY—ASPIRIN AT OUT PRICES
123 NEW NORTH ROAD, LONDON, N.1. *Tele: Clerk 4930*

TATCHO Sample Size 6^D

THE
HAIR RESTORER

PROMOTES, PRODUCES,
BEAUTIFIES THE HAIR

1/2 size .. 12/6 per doz.
2/2 size .. 22/- per doz.

TATCHO Laboratories, 2 Great Queen Street, London, W.1

BATH &
TOILET
SALTS
DE LUXE

Nymphæa

INSTANTLY
SOLUBLE

EVEN IN COLD WATER

Perfume: 1, 2, 3 & 4 PATA.

Patented and Sole Manufacturers.

SUPERFINE CHEMICALS, LTD., FELTHAM, MIDDLESEX.



SHADEINE FOR TINGING GREY HAIR

This popular article is highly advertised
and stocked by all Wholesale Grocers.

Final size 50 per doz. .. 8/-
1/2 size per doz. .. 12/-
2/2 size per doz. .. 22/-
3/2 size per doz. .. 35/-

The SHADEINE CO., 55 Westbourne Grove, London, W.2

WE ARE SEVEN HALEX TOOTHBRUSHES

THE BRITISH NYLONITE CO. LTD., HALE END, E.4

The REAL Eyelash GROWER

"Crescent" EYELASH
OINTMENT

Recommended by Oculists and Beauty
Specialists. Delights all Customers.

Selling price: 1/6 per pot. Trade 9/- per doz. Attractively packed
and show purposes in Gold Containers of half-1-grain.

Send now to—THE CRESCENT PREPARATIONS CO.,
4 Woodlands Rd., LONDON, S.W.15 *Phone: Putney 2245*

"CARNATION" CORN CAPS

THE CERTAIN CORN REMOVER. Well Advertised,
Attractively Packed and gives complete satisfaction to
your customer. Novel Window Show with gross orders.

COSTS 3/- PER DOZ.

SELLS 34. BOX.

GUSSON, GERRARD & CO., LTD. *OLDURY, BIRMINGHAM*

THOUSANDS ATTRIBUTE THEIR ENERGY
TO THE SOUND SLEEP

WHICH **HORLICK'S** BRINGS

CLOSING
FILLING
Cachet machines
3/6 to 32/6
to suit all Dispensing Requirements.

WRITE FOR ILLUSTRATED LIST.

THOS. CHRISTY & CO., 41, Old Swan Lane, LONDON, E.C.4.

For Boxes Safe and Smart

A good dentifrice, a dainty soap, a healthy face powder, or a cooling cream, all deserve containers which will commend their contents to prospective users. The bright, light look of aluminium attracts attention. The healthiness of this rustless metal strengthens the appeal of its contents. The economy of aluminium, the lightest available metal, greatly cheapens containers without loss of attractiveness.

British goods merit

British Containers



THE BRITISH ALUMINIUM CO. LTD.
ALUMINIUM PRODUCERS. ADELAIDE HOUSE,
KING WILLIAM STREET, LONDON, E.C.4.
Telephone: Mansion House 5561 and 8074 (5 lines).
Telegrams: Cryolite-Bilgate, London.

MORFI RUBBER PRODUCTS
KAYDOR LTD.

30 Howland Street

Telephone: Museum 9143.

LONDON, W.1

"SANS-GENE" Described by the Medical Profession as the best Contraceptive on the market 2/6 20/- per dozen
"FORODOR" The perfect corrective for local perspiration 1/6 12/- per dozen
"ELIZABETH MCINTYRE" Skin Cream. An excellent cream for night use 2/6 20/- per dozen
PHARMACEUTICAL SUPPLIES LIMITED,
20 VICTORIA STREET, LONDON, S.W.1 Tele.: Victoria 9888

THE "SAFEGUARD" BRAND OF RUBBER GOODS
Are SUPPLIED TO CHEMISTS & DRUGGISTS ONLY
FINEST QUALITY. HYGIENIC PACKING

Write for Samples and Prices.

BURGE, WARREN & RIDGLEY, LTD.

91/92 GREAT SAFFRON HILL, E.C.1

Phone: Holborn 0050. Telegrams: Pessaries, Smith, London.



Remember to order **"3 ARROW BRAND" HYPODERMIC SYRINGES & "77" STAINLESS STEEL NEEDLES**

Guaranteed and Reliable. Give satisfaction to yourself and your customer.

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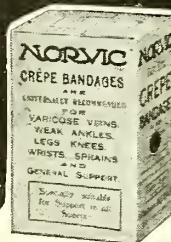
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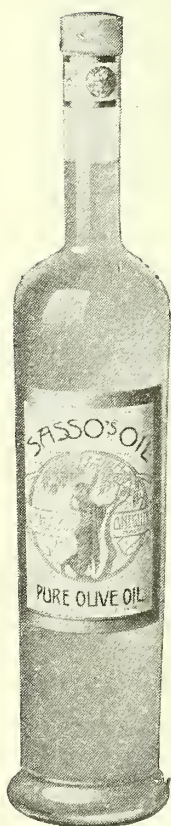
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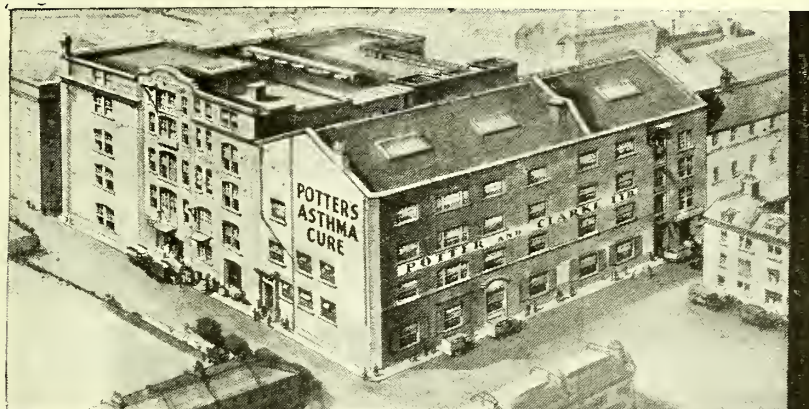
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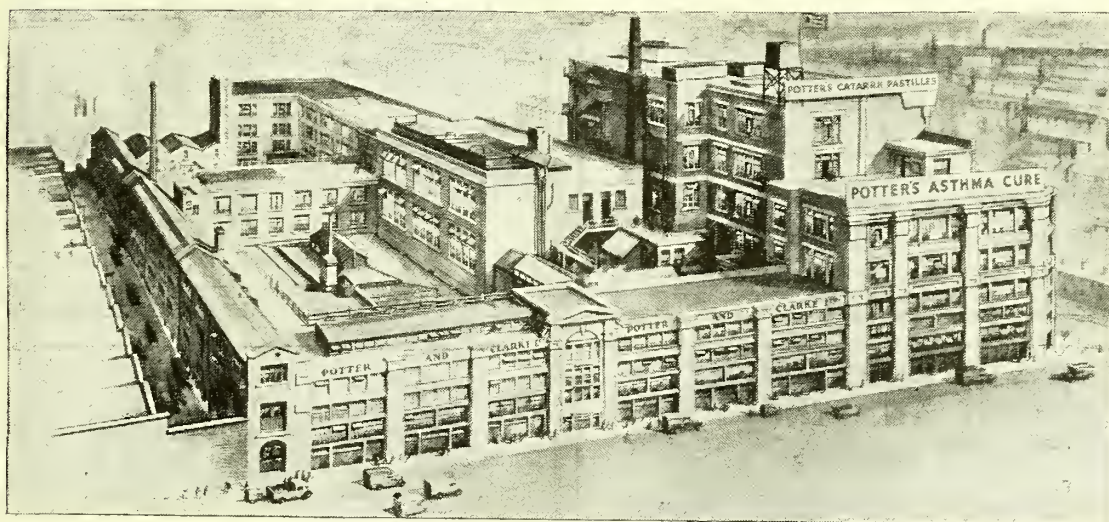


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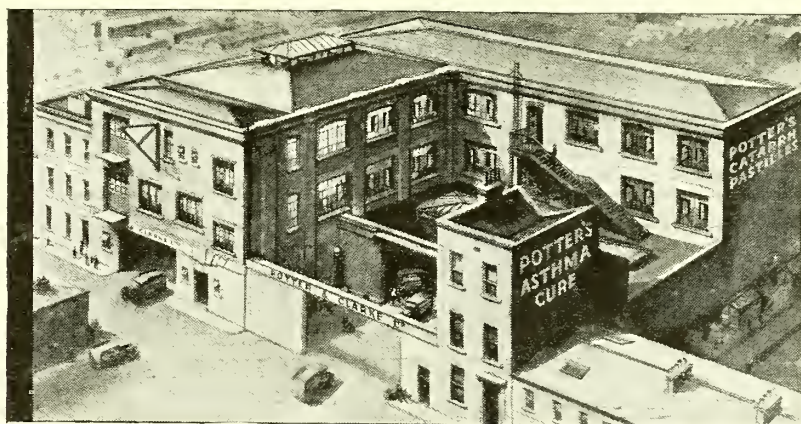
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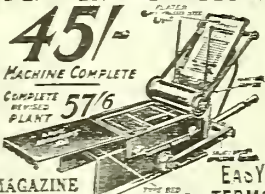
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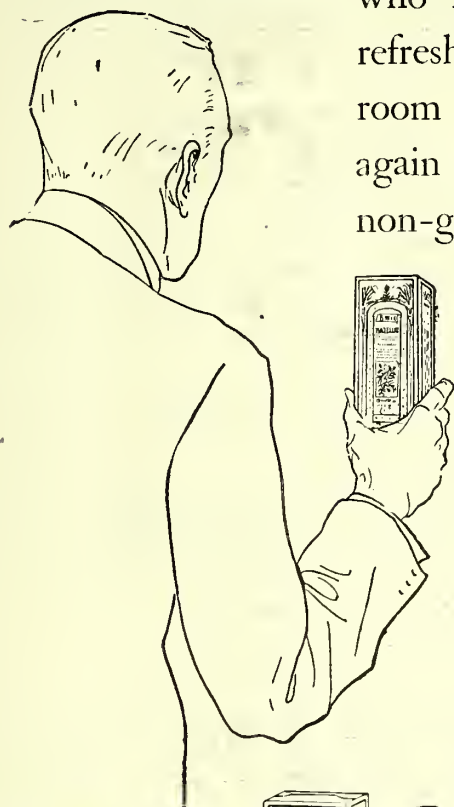
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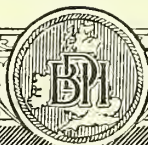
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Vol. 114. No. 18

CONTENTS

May 2, 1931

	PAGE
Association Meetings ..	509
Bankruptcy Reports ..	507
British Chemical Merchants' Meeting	521
Business Changes	505
C. & D. Commercial Compendium	529
Correspondence:—	
Letters	526
Legal Queries	528
Miscellaneous	
Inquiries	528
Subscribers' Symposium	528

	PAGE
Coming Events	505
Corner for Students ..	518
Council Candidates ..	510
Deaths	514
Editorial Articles:—	
Poisons from Automatic Machines ..	516
The Budget	517
Tragacanth Position ..	518
Sir Edward Clarke ..	518
English News	505
Festivities	509
Hawking	512

	PAGE
Information Department	514
Insurance Act Dis- pensing	507
Irish News	504
Legal Reports	506
Marriages	514
New Companies and Company News	506
Observations and Re- flections	515
Pharmaceutical Society of Great Britain:— Examination Results	505

	PAGE
Personalities	513
Poisons and Pharmacy Bill	519
Poisons from Automatic Machines	508
Proprietary Articles Trade Association ..	520
Retrospect	528
Scottish News	504
Stone Mortars	512
Trade Marks	525
Trade Notes	513
Trade Report	522
Wills	514

English and Welsh News

Key Industry Duty

The Treasury have made an Order under Section 10 (5) of the Finance Act, 1926, exempting sodium ethyl methyl barbiturate from Key Industry duty from May 1 to December 31, 1931.

Fairchild Scholarship and Prizes

The examination for the Fairchild scholarship and prizes will be held on Thursday, June 19, in London, Manchester, Belfast, Cardiff, Dublin and Edinburgh. The value of the scholarship is £60, and there is a prize of £5 for the best candidate in England, Wales, Scotland and Ireland. The subjects are given in our Educational Number of August 16 last. The scholarship is tenable at any school of pharmacy recognised by the respective Pharmaceutical societies. It is presented by Fairchild Brothers & Foster. The forms are now ready. Candidates for this examination must not be less than twenty years of age on July 1, 1931, and not more than twenty-two years of age on January 1, 1931. Application should be made to Mr. Herbert Skinner, Albert Chambers, 65 Holborn Viaduct, London, E.C.1, secretary to the trustees.

Inquests

On April 29 the Baitersea (London) coroner recorded a verdict of "Death from accidental causes," at an inquiry concerning the death of William R. J. Grace, aged seventeen months. It appeared that the child had sucked a piece of potassium bichromate purchased in the street as an ornament.

At Leicester, on April 24, an inquest was held on the body of Mr. Harry S. Smith, Narborough, described as a druggist, who died in Leicester Royal Infirmary. Medical evidence showed that carbolic acid was found in the contents of the stomach, and a verdict to the effect that death was due to carbolic acid poisoning was given.

The City of London and Southwark coroner (Dr. F. J. Waldo) held an inquest, on April 27, on the body of Mr. Albert A. Wisdom, Blackfriars Road, S.E.1, who died following an overdose of aspirin tablets. Dr. Waldo said: "I think something ought to be done to stop the sale of aspirin tablets. Women walk about with them in their handbags, and hand them round as though they were sweets." The coroner added that people believed that "aspirins" were quite harmless, and took them in handfuls, never realising they were poison. For anybody suffering from a weak heart they had a lowering effect. He considered they ought to be scheduled under Part II. "I am going to make a recommendation to that effect to the Privy Council," he added. A verdict of "Death by misadventure" was recorded.

Birmingham

The annual meeting of the Society of Chemical Industry (Birmingham and Midland Section) was held on April 14.

Mr. H. J. Riley, son of Mr. Riley, College Road, Handsworth Wood, Birmingham, was successful at a recent examination of the Conjoint Board of Physicians and Surgeons.

Manchester

The recently formed Woolley Social and Sports Club has extended its activities to football, and entered a scratch team in the Ashfield Workshops Competition at Pendleton. Drawn against Worralls' Dye Works, it put up a brave show, being narrowly defeated by 2 goals to 1.

The first meeting of the Manchester and District Pharmacists' Golfing Society took place at Chorlton golf course on April 22. After an exciting finish, Mr. A. Barnes and Mr. W. J. McCutcheon tied for the president's prize. After tea these two competitors played nine holes; Mr. A. Barnes won the replay with a score of 47—6=41, Mr. McCutcheon being awarded the second

prize given by the Society. The following were the chief scores:—

A. Barnes ...	90-12=78	W. A. Sturdy	85-3=82
W. J. McCut-		P. W. Stuart	89-7=82
chison ...	100-22=78	I. Stout ...	99-17=82
E. Bury ...	92-11=81		

A whist drive organised by the junior section of the local branch of the Society was held at the Pharmacy Club on April 15, when about forty members and friends spent a very enjoyable evening. The following were the prize-winners:—*Ladies*, (1) Miss Clynes; (2) Miss Robinson; (3) Mrs. Auger. *Gentlemen*, (1) Mr. T. Miller; (2) Mr. Parsons. The prizes were given by the junior section, Mr. D. Dickson and Mr. Meadows, who were thanked for their generosity. The prizes were presented by Mrs. Walters.

Sheffield

Mr. John Evans, F.I.C., Ph.C., the city analyst, was the subject of a recent "Who's Who" paragraph in the local Press.

Mr. Arthur Knowles has resigned his seat on the Pharmaceutical Committee and the Pharmaceutical Service Subcommittee on taking up business at Morecambe. Mr. Knowles has been an active member since the commencement of the Insurance Acts.

Mr. Austen (chairman) and Mr. Kirman (secretary), of the local Branch of the Pharmaceutical Society, along with Mr. Antcliffe (member of the Council of the Pharmaceutical Society), had an interview recently with Sir Samuel Roberts, M.P., regarding the Pharmacy and Poisons Bill at the House of Commons.

Miscellaneous

PAGEANT WEEK.—"An Historical and Industrial Pageant Week" is to be held at Bradford on July 10 to 18 inclusive, when special window displays will be made throughout the city.

SPORTING EVENTS.—Potter & Clarke, Ltd., manufacturing chemists, have won the Buchanan football cup, which was put up for competition amongst the London business houses. They beat the District Railway in the final—3-2. They have also a good chance of winning the first division of the second league of the London Business Houses Football Association.

INCREASING EXPENDITURE PROTEST.—A mass meeting was held at the Corn Exchange, Peterborough, on April 23, in order to protest against increasing local and national expenditure. Among those on the platform was Sir Richard Winfrey, J.P., Ph.C., and the Peterborough and District Branch of the Pharmaceutical Society was also represented. A resolution of protest against the increasing expenditure was passed unanimously.

MEDICINE STAMP ACTS.—At Croydon Police Court, on April 24, Charles Silver, South End, was fined 30s., with £3 3s. costs, for selling dutiable medicines at a stall without a licence and for selling a similar medicine unstamped at his shop. The defence was inadventence.—At the South-West London Police Court, recently, Oswald Earp, St. James's Road, S.W., was fined 10s., with £3 3s. costs, for selling dutiable medicines unstamped.

IN THE COURTS.—At Leicester City Police Court, on April 23, John Headley, ostler, was fined 20s. for stealing three packets of cigarettes from a machine at the shop of Mr. George A. Hannam, chemist and druggist, Belgrave Road.—At Old Street Police Court, London, on April 23, George Lacey (21), assistant to dispatch clerk, and Frank Meekings (21), labourer in chemical factory, were bound over and placed on probation on a charge of being concerned in stealing goods valued at 23s., the property of their employers, The British Drug Houses, Ltd., Graham Street, N.E.—At London Sessions, on April 24, May Clair (70), described as a herbalist, successfully appealed against a conviction and sentence for shoplifting passed at a lower court (C. & D., March 14, p. 296).

Scottish News

Brevities

Mr. Johnson, Scottish representative of the United Drug Co., Ltd., is suffering from complications following a recent attack of influenza, and is not expected to be fit for business for several weeks.

The fourth annual meeting of the Aberdeen and North of Scotland Branch of the Photographic Dealers' Association was held on April 24, Mr. Charles A. Michie in the chair. The branch was favoured with a visit from Mr. Lindsay (Dundee), the area representative, who explained the working of the various committees and the good work that was being done in London. The Branch has had a most successful year. The following office-bearers were elected:—*Chairman*, Mr. C. A. Michie; *Vice-President*, Mr. D. S. Allan; *Secretary and Treasurer*, Mr. John Blyth; *Executive*, Messrs. Stott, Meldrum, Elder, Mutch, Farquhar, John Spence, John Michie and John Miller. The chairman emphasised the importance of members attending the meetings, and eulogised the work that the secretary was doing.

Irish News

Brevities

Mr. J. P. Dowling, M.P.S.I., Clara and Kilbeggan, has opened a branch in Fербane.

Mr. J. S. Balmer, M.P.S.N.I., has been appointed people's churchwarden at Bangor.

Mr. W. S. Taylor, Ph.C., Enniskillen, has been elected a life governor of the Fermanagh County Hospital.

A Bill is to be introduced in the Dail regarding the employment of apprentices in the Irish Free State.

Fielding Bros., chemists, Patrick Street, Cork, have been appointed contractors to the North Infirmary.

Mr. Edward O'Grady, M.P.S.I., Michael Street, Waterford, has lodged a claim for compensation for damage to his window.

It is expected that insurance rates under the Workmen's Compensation Acts will be increased substantially in the Free State in the near future.

The National Health Insurance Bill passed through its final stages in the Ulster Senate on April 23, and was reported to the Commons without amendment.

Mr. D. F. McCarthy, L.P.S.I., has been appointed compounder of medicines for the County Hospital and the County Home, Offaly, and for the Dispensaries, Tullamore.

At Limerick, recently, three boys were charged with having wilfully damaged a plate-glass window of Mr. M. B. Widdess, M.P.S.I., O'Connell Street. The case was adjourned.

Councillor Dr. William McMullan, who was formerly a pharmaceutical chemist in Larne, co. Antrim, has returned to England from a visit to Russia. Describing his experiences, he said that when he visited Leningrad he was shocked by the conditions.

By ten votes to five, Fermanagh County Council has decided to give Mr. Charles McMullen, Belfast, analyst to the Council, three months' notice to terminate his appointment as public analyst for the county. This decision was taken following the reading of a letter from Drysdale, Dennison & Co., Ltd., wholesale spice merchants, London, E.C.4, in reference to a prosecution in September last, in which they were one of the pepper grinders concerned. The letter stated: "This mistake has cost us a considerable sum of money, and we desire to put it before your Council that it is due to us that recompense for the sum of money, which we have expended through an admitted mistake of your official, should be made to us." The question of recompense was referred to the Council's solicitor.

Belfast

The Belfast Co-operative Society, Ltd., has decided to devote a portion of the ground floor of the extension to the premises in York Street, Belfast, to a pharmacy department, which will be opened shortly.

At a recent meeting of the board of management of the Belfast Grocers' Association, the president reported that a deputation from the Association had met a deputation from the local Chemists' and Druggists' Association to consider the question of price cutting in certain proprietary articles. It had been pointed out and admitted that there were cutters among both the grocers and the chemists and druggists. It was pointed out also that as a rule members of the Grocers' Association were not guilty of price cutting, but that the Association had no control over traders who were not members. Mr. Brown said the deputations had agreed that they would meet and confer again in the future, and approach the wholesale trade, if they considered that any good would result from such a step.

Business Changes

BOOTS, LTD., have closed their shop in Broomhall Street, Sheffield.

MR. F. B. FLINT, chemist and druggist, Chorlton-cum-Hardy, has retired from business.

BOOTS, LTD., have acquired the business of Mr. John Greig, chemist and druggist, 33 High Street, Nairn.

MR. R. A. SHARP, Ph.C., has purchased the business of Brice & Son, chemists, 172 High Street, Uxbridge.

MR. W. N. MOORE, chemist and druggist, is commencing business at 78 Crotona Buildings, Skipton Road, Keighley.

MR. JOHN GREIG, chemist and druggist, has taken over the business of Mr. Charles Carr, Ph.C., 81 Front Street, Monkseaton.

THE GAINSBOROUGH INDUSTRIAL CO-OPERATIVE SOCIETY, LTD., has opened a pharmacy at 6 Bridge Street, Gainsborough.

REX & Co. (CHEMISTS), LTD., have opened an optical department and sight-testing room at their city branch, 32 Ludgate Hill, London, E.C.4.

MR. F. SYMMS, chemist and druggist, has acquired the business of Mr. N. Colbeck, chemist and druggist, 41 Quernmore Road, Stroud Green, London, N.

MR. WM. C. JOHNSTON, chemist and druggist, Frizington, has taken over The Pharmacy, Stanhope, co. Durham, from Mr. W. R. Snowball, chemist and druggist.

MR. H. R. COTTEE, chemist and druggist, in partnership with Mr. Arthur Short, chemist and druggist, F.B.O.A., has opened a pharmacy and optical department at 756 Chesterfield Road, Woodseats, Sheffield.

MR. HAROLD BARTON, chemist and druggist, 163 Lord Street, Southport, has purchased the retail photographic business of Nash, Kenyon & Co., Ltd., 169 Lord Street, Southport; the stock has been transferred to 163 Lord Street, where the business will be carried on.

THE title of N. W. Mitchell & Sons, Ltd., cork manufacturers and shippers, 2 Dod Street, London, E.14, has been changed to N. W. Mitchell & Snow, Ltd. This change of name involves no alteration whatever in the capital, constitution or officers of the company, but the action is taken suitably to mark the stake which Mr. N. A. Snow and his son have in the business. Mr. Snow was associated for many years with the late Mr. N. W. Mitchell, and has been a shareholder and director of the company for the past thirty years.

Pharmaceutical Society of Great Britain

Examination Results

The following are the results of the examination held in London during April:—

	No.	PRELIMINARY SCIENTIFIC				CHEMIST AND DRUGGIST QUALIFYING			
		Absent	Failed	Referred	Passed	Absent	Failed	Referred	Passed
Entered for Prelim. Sc. exam. ..	323	5	155	81	82	—	—	—	—
Referred subject in Prelim. Sc. exam. ..	105	2	—	56	47	—	—	—	—
Entered for C. and D. exam.	75	—	—	—	—	5	48	12	10
Referred subject in C. and D. exam. ..	42	—	—	—	—	4	—	13	25
	545	7	155	137	129	9	48	25	35

Referred in one subject:—Botany, 106; chemistry, 11; physics, 20; pharmacognosy, 6; pharmacy, 1; pharmaceutical chemistry, 12; forensic pharmacy, 6; total, 162.

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following, having satisfied the examiners in this examination, have been registered as chemists and druggists:—

Able, W., Catford	Lamey, A. T., Devonport
Bealby, J., Newark	McGann, G. B., Birmingham
Bowden, T. H., Cardiff	Miller, Nora E., Folkestone
Brown, A., St. Pancras	Neal, E., Kidderminster
Burgess, G. C., Hinckley	Norris, B. J. C., Folkestone
Davies, T. J., Aberystwyth	Parker, F. L., Bedale
Dennis, C. W., Nottingham	Quirke, L. W., Liverpool
Edwards, J. E. H., Cardiff	Searle-Tripp, Violet G., Falmouth
Evans, Eileen M., Nottingham Hill	Sherratt, W. G., Lytham
Gullick, L. A., W. Bridgford	Smith, J. L., Rochdale
Hall, Phyllis M., Maidenhead	Tattersall, G. W., Liverpool
Harper, J. E., Droitwich	Thomas, G. L., Leyland
Hodder, R. A., Torquay	Towe, J. A., Leicester
Hogg, A. E., Bury St. Edmunds	Tranent, L. G., Hornsey
Izzard, S. F., Palmers Green	Tucker, G. F. F., West Hampstead
Jones, A. T., Llanelly	Vernon, G. S., Norbury
Klein, S. G. L., Kew	Williams, J. L., Llangefni
	Wootton, C. H., Peterborough

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, May 4

University of London, King's College, Department of Botany, at 5.30 p.m. First of three weekly lectures on "Biophysical Chemistry of Colloids and Protoplasm," by Victor Colman, D.Sc. Admission free.

Thursday, May 7

South-East London Chemists' Association. Visit to Royal Observatory (by permission of the Astronomer Royal, Sir Frank Dyson). Tickets from the secretary, Mr. E. Oswald Wells, 28 Felhampton Road, London, S.E.9.

Thames Valley District Pharmacists' Association, Kingston Hotel, Kingston-on-Thames, at 8.45 p.m. Annual meeting.

Legal Reports

Medical Man's Lapse.—At Manchester City Police Court, on April 24, Dr. Wilfrid Alan Benson, formerly practising at Mount Pleasant, Bury New Road, was summoned for offences under the Dangerous Drugs Acts. No witnesses were called; but Mr. Ellis Davies, who appeared on behalf of the Home Office, said there were ten summonses (three of them alternative). In March 1930, said Mr. Davies, Dr. Benson entered into a partnership, which continued until the partner gave notice of his intention to dissolve the partnership in view of the fact that he had found Dr. Benson under the influence of drugs. The police discovered that Dr. Benson had been obtaining drugs from various chemists by giving prescriptions in the names of some of his patients and had used them himself. Dr. Benson had told the police he did not know the law in England, because in Ireland, where he came from, there was no Dangerous Drugs Act. There were altogether twenty-eight cases of obtaining drugs in Manchester and Salford. He had obtained them from the Salford Insurance Committee, saying he was getting them for panel patients. The stipendiary magistrate pointed out that altogether Dr. Benson had obtained over 400 gr. of cocaine and 65 gr. of morphine in three months. Mr. C. M. W. Elliott, who defended, said Dr. Benson, before the proceedings started a month ago, had taken steps to enter a nursing home in London. The magistrate said the offences could have had the most dreadful results. He hoped Dr. Benson would recover from his grave illness. Fines amounting to £175, with £10 costs, were imposed.

Injunction Granted.—In the Chancery Division of the High Court, London, on April 28, before Mr. Justice Farwell, Cranbux, Ltd., Norwich, moved for an injunction to restrain Mr. Philip Metz, importer, New Bond Street, London, W.1, from infringing their trade mark and passing off as and for the goods of the plaintiffs any goods not of their manufacture. Mr. Preston, K.C., and Mr. J. H. Evans Jackson were counsel for the plaintiffs. Mr. Preston explained that the plaintiffs are the owners of a business as manufacturers and dealers in proprietary articles, including the dentifrice Odol. It recently came to their knowledge that a tooth-paste bearing the name Odol, in a carton almost identical with that used by the plaintiff company, but with letterpress in French, was being imported and sold in England. They acquired what they thought was the defendant's whole consignment. The carton was such that it did not seem possible to doubt that it was not only calculated, but intended, to deceive. Mr. Metz, who appeared in person, said he was agent for certain goods, and received them from merchants abroad for sale on commission. He was unable to stop in time the consignment of tooth-paste of which the plaintiffs complained, but he submitted that the goods were intended for export only. He had advised the merchants to send no more. There was no intention, on the part either of himself or the merchants, to infringe plaintiffs' trade mark, and he submitted that they had sustained no damage. He did not contest the motion, but was prepared to have it treated as the trial of the action. The injunction asked for by the plaintiffs was granted, with an order for the delivery up or destruction of any further cartons which might be in the defendant's possession, with costs. The plaintiffs did not press for damages.

SALESMANSHIP LETTERS.—A well-printed booklet, comprising twenty practical letters on salesmanship, written by Mr. Alec Nathan (Glaxo Laboratories) has been sent us. It bears the stimulating title "It can be done."

SALES in the drug departments of Coventry and District Co-operative Society amounted to £7,122 for the past half-year, an increase of £444 compared with the period ended March 1930.

THE thirteenth edition of Herbert W. Jordan's "Debentures of Private Companies" has been issued (price 2s. 6d.) by Jordan & Sons, Ltd., 116-118 Chancery Lane, London, W.C.2.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

ANTIBODY PRODUCTS, LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. The directors are:—Dr. W. F. H. Coke, 90 Harley Street, W.1, and A. H. Barrett, 4 Sheldon Street, W.2. Solicitors: Bulcraig & Davis, Amberley House, Norfolk Street, W.C.2.

BAKORA, LTD. (P.C.).—Capital £500. Objects: To acquire the business of manufacturing chemists at Batley, Yorks, and elsewhere, and also the registered trade mark "Bakora." The subscribers are: Elizabeth Walton, 2 Upper Road, Batley Carr, Batley, chemist, and G. A. Halstead, 2 Hirst Place, Batley, chemists' assistant. Solicitor: F. A. Jubb, 23 Henrietta Street, Batley.

PARFUMERIE NILDE, LTD. (P.C.).—Capital £5,000. Objects: To carry on the business of manufacturers of and dealers in powders, soaps, perfumes, toilet requisites and commodities, under the trade mark or name "Nilde," patent and proprietary articles and medicines, boxes, cases, etc. The subscribers are: G. G. Fraser-Smith and C. J. Edwards. R.O.: 258 Euston Road, N.W.1.

KINGSLAND HYGIENIC CO., LTD. (P.C.).—Capital £100. Objects: To carry on the business of a hygienic clinic as now carried on by W. W. Phelps and Henrietta S. Phelps as The Kingsland Hygienic Co. at 163 Kingsland Road, E.2, etc. The permanent directors are: E. W. Lambert, H. W. Lambert, and P. M. C. Watkins. R.O.: 163 Kingsland Road, E.2.

KOOLEM, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers and vendors of mineral waters sold under the registered trade marks "Koolyme" and "Koolime" now carried on as a going concern by Idris, Ltd., at 120 Pratt Street, Camden Town, and to carry on the business of manufacturers and vendors of mineral and aerated waters, cordials, syrups, fruit juices, etc. The directors are: W. B. Opie, J. E. Southwell and A. J. Ward. R.O.: 33 Kings Road, St. Pancras, N.W.

BENGER'S FOOD, LTD.—The directors have declared the following dividends for the six months ended March 31, 1931:—On the £5 preference shares, at the rate of 6 per cent. per annum (less tax). On the £1 ordinary shares, at the rate of 1s. 3d. per share, free of tax (making 2s. for the year ended March 31).

HOWARDS & SONS, LTD.—Mr. Arthur William Elcombe has been elected a director. Mr. Elcombe has been connected with the company for forty years, and has for a long period been secretary and export manager; he will continue to act as secretary. The Board is now constituted as follows:—Messrs. Alfred G. Howard (Chairman), D. Lloyd Howard (Vice-chairman), Bernard F. Howard, Geoffrey E. Howard, Claude F. Howard, Major H. Lloyd Howard, M.C., J. William Blagden and Arthur William Elcombe.

McKESSON & ROBBINS.—Particulars of McKesson & Robbins were filed on April 23 pursuant to Section 344 of the Companies Act, 1929. The capital stock consists of 10,000 7 per cent. cumulative preference stock of \$100 each and 80,000 common shares without nominal or par value. The company was incorporated in Canada on October 17, 1927, to manufacture and deal in pharmaceutical preparations, medicinal elixirs, fluid extracts, chemical and toilet preparations, etc. The British address is 21 Mincing Lane, E.C., where G. S. Daniel is authorised to accept service of process and notices on behalf of the company. The directors are not named.

THE VICTORIA DRUG CO., LTD.—At a meeting held at Paignton on April 20 it was resolved that this company be wound up voluntarily. Mr. C. Huxtable, 13 Eugene Road, Preston, Paignton, Devon, was appointed liquidator.

THE BRITISH DRUG HOUSES, LTD.—The annual general meeting was held on April 29 at the Midland Hotel, St. Pancras. Mr. Charles Alex. Hill, B.Sc., F.I.C. (chairman and managing director), presided, and in the course of his address said that the £10,000 recommended to be added to reserve brings this fund up to £50,000, and they would doubtless agree that the balance-sheet represents a thoroughly sound position after a year of the most trying industrial conditions. Among many adverse influences in 1930 the dominating one had been the general trade depression, not only at home, but throughout the world's markets. Their industry had suffered in common with others, though, happily, to a less extent than some. The turnover and profits had inevitably suffered, but not to an extent to justify disquietude; in fact, the B.D.H. business had shown a remarkable degree of buoyancy, so that the outlook should be one of patient optimism for the future. The alteration and reorganisation of the packing and distributive sides of the business, rendered possible by the extensions of their Graham Street premises, had been, and still are, in hand, and are not yet complete, so that the year 1930 derived only partial benefit therefrom, and even 1931 will not derive by any means the full benefit. Their Nottingham and Liverpool depôts continue to gain ground steadily, and show such development as more than to justify their existence, so that these branches are now to be regarded as established successes. They would be interested to know of an important development in connection with their export trade. For some time past the company appreciated the possibilities of Canada as a market for their British-made fine chemical products, a view confirmed by their director, Dr. F. H. Carr, on the occasion of his visit to Canada two years ago in his capacity as President of the Society of Chemical Industry. Accordingly, their senior export director, Mr. F. C. O. Shaw, went out to Canada last year and spent some time in making a thorough investigation on the spot. Guided by Mr. Shaw's report and recommendations, the company decided to open up in Toronto a depôt for the distribution, through the usual trade channels, of the company's scientific and medical products. The depôt was opened at the close of 1930, and the venture has this year become a subsidiary company, under the title of "The British Drug Houses (Canada), Limited." The reports now being received are all of a hopeful character, and state that satisfactory sales are being made. The development of the manufacture of vitamin preparations continued to be an important feature of the company's activities, and the constant growth in demand for Radio-Malt is a satisfactory and gratifying outcome. Important progress had been made also in the field of synthetic organic chemical manufacture. The report (*C. & D.*, April 25, p. 472) was unanimously adopted.

Bankruptcy Reports

Re Alfred Gordon Cowper Cartwright, 558A Coventry Road, Small Heath, Birmingham, drysalter and druggist.—The first meeting of creditors took place at the Official Receiver's Office, 191 Corporation Street, Birmingham, on April 23. A statement of affairs was submitted which showed a deficiency of £302, which the debtor attributed to "loss in trade due to keen competition, heavy expenses, depreciation of stock, fixtures and fittings." It appeared that the debtor had been a chemist's assistant, and in March, 1917, commenced business on his own account with a capital of £400. With part of this he purchased the stock and fixtures of his present business, and traded as "Cartwright's Drug Stores." Until July, 1929, the business was a success, but since that date trade had fallen off, owing to competition. The debtor stated that he became aware of his position in March, 1930. The case being a summary one was left in the hands of the Official Receiver, as trustee.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Local Reports

ENGLAND AND WALES

Holland.—At a meeting of the Holland (Lincs.) Insurance Committee, on April 20, attention was drawn to the proposal to revoke Clause 4 (4) in the Terms of Service for persons supplying drugs and appliances. It was decided to support the Salford Insurance Committee in their recent resolution of protest.

London.—A meeting of the London Pharmaceutical Committee took place recently. The report of the Central Checking Bureau for the month of October 1930 showed that the margin of error in pricing was 0.03 per cent. A letter was received from the Retail Pharmacists' Union submitting the decision of the Pharmaceutical Distribution Committee regarding the computation of the drug fund for 1930. The Pharmaceutical Committee have noted that the net surplus for the four years represents only 1.48 per cent. of the total value of chemists' accounts for that period. The secretary reported *inter alia*:—Full particulars with regard to the action taken by the Retail Pharmacists' Union concerning the proposed revocation by the Minister of Health of Clause 4 (4) of the Terms of Service for persons supplying drugs and appliances. The Committee decided to send a letter to the Ministry strongly protesting against the proposed revocation of the clause, and instructed their representatives on the London Insurance Committee to urge that body to also send a protest. Comparative statistics for the years 1929 and 1930 are as follows:—

Total number of pre-	1929	1930
scriptions	8,940,870	8,129,038
Cost of ingredients ..	£129,129 1s. 0d.	£111,333 13s. 1d.
Dispensing fees ..	£165,782 13s. 10d.	£147,188 12s. 10d.
Average cost of ingredients	3.47d.	3.29d.
Average dispensing fees	4.45d.	4.34d.
Number of persons on list	1,843,058	1,891,088
Average cost per person	38.40d.	32.81d.

Particulars of a complaint raised on the question of the facilities available for dispensing scripts marked "Urgent" after the normal closing hour. The secretary's report was adopted. The Chemists' Service Subcommittee reported particulars of a meeting at which five cases under the testing scheme were dealt with; two chemists were cautioned and three censured.

West Riding.—At a recent meeting of the West Riding Insurance Committee it was reported that an agent presented a prescription at a chemist's shop, and the mixture was made up by the manager and handed over. The agent then told the manager that it was a test sample, and asked him to divide it, returning the bottle to him for that purpose. The manager was in the act of dividing the sample while standing over a sink when he informed the agent that he had mixed the medicine wrongly, and immediately poured the contents of the bottle down the sink. The Subcommittee's recommendation that £1 be deducted from the moneys payable to the chemist was agreed to. A complaint against another chemist in regard to dispensing was regarded as a case of gross carelessness; it was decided that the chemist be severely reprimanded and that £3 be withheld from the moneys due to him.

Worcester.—A meeting of the county Insurance Committee was held recently, when the General Purposes Subcommittee reported with reference to the protest by the Committee against the proposed revocation of Clause 4 (4) of the Terms of Service for persons supplying drugs and appliances. A reply had been received from the Minister of Health to the effect that the views of the Committee "had been noted." After some discussion a resolution was carried protesting against the suggestion of the Minister to revoke the clause.

Poisons from Automatic Machines

ON April 24, a King's Bench Divisional Court, consisting of Justices Talbot and Finlay, heard an appeal from a judgment of Judge Crawford in the Wood Green County Court in the action of the Council of the Pharmaceutical Society of Gt. Britain against Mr. Harry Ronald Watkinson, chemist and druggist, Lordship Lane, N.17 (C. & D., 1930, II, 4). The judge held that the sale of lysol through an automatic machine outside his chemist's shop did not comply with Section 3 (1) of the Poisons and Pharmacy Act, 1908. Mr. George Pollock appeared for the appellant and Mr. H. Glyn-Jones for the Pharmaceutical Society.

Case for the Appellants

Mr. Pollock explained that this was a friendly test action and the proceedings cast no reflection on the integrity of the appellant or on his loyalty to the Society. That lysol happened to be a poison was not the main question. This did not purport to be a poison action, but was a test as to whether this was carrying on a business in a way that was authorised by statute. This was not an Act which dealt with the manner of conduct of chemists' business. "*Bona-fide* conducts by himself" were the material words. The judge seemed to have said that as to these sales the business was not "conducted" at all. Mr. Justice Talbot: The Section may only mean that there shall be a qualified responsible head for every chemists' business.

Mr. Pollock said he submitted that the possible constructions of the Section were (1) that the chemist should be the man whose name was over the door, and (2) that the chemist should be the man who conducted in the sense of actively participating in the management as its qualified head.

Case for the Respondents

Mr. Glyn-Jones explained that the Pharmaceutical Society brought this action to get a decision which would enable them to put a stop to a practice which was becoming increasingly common, and which they regarded as undesirable in the public interest—the practice of exposing for sale to the public in automatic machines, without supervision, all kinds of drugs and medicines, including possibly dangerous poisons. Historically the Act of 1868 provided that a qualified person should sell or keep shop; if an unqualified assistant of a qualified chemist sold a poison that assistant was liable to penalty, but if a qualified man was absent from his business that did not make the qualified man liable, for the only requirement of the qualified man was that he should be qualified to "conduct" the business. The Act of 1908 followed upon that situation. The legislature desired to control the man of straw, who was the unqualified assistant; it was a question now of control of the man of iron. The later Act said the chemist must *bona-fide* conduct his business, and the judge found that the defendant was carrying on his business "at the automatic machine," and the machine (counsel suggested) might as well be across the road or in the railway station.

Mr. Justice Talbot: You raise the legal question of what is "premises." Ordinarily the word imports a building. Mr. Glyn-Jones: It is all in the machine—a separate conduct of business; the machine collects money and hands out the goods.

Mr. Justice Talbot: That is poetry. A machine makes a newspaper or a blouse, but you must go to the man and his business at the back of the machine. Mr. Glyn-Jones: As no sale through the machine is under the chemist's personal supervision, that business is not *bona-fide* conducted by him. He has disabled himself from control. He cannot prevent a person of immature years from approaching.

Mr. Justice Finlay: And of course you visualise the man with a wild look in his eye. Mr. Justice Talbot: Supposing the automatic machine is inside the shop? Mr. Glyn-Jones: I should say that sales outside the shop were outside the line drawn by the legislature and sales inside were inside the line. (Laughter.)

Mr. Justice Talbot: I should hate to express an opinion on something which is not before us, but it may be that the chemist is liable, under contract, if any kind of stuff sold by the machine does not come up to description.

Judgment

Mr. Justice Talbot, giving judgment allowing the appeal, said this was a very interesting case, made difficult by the attempt to use a Section, whose object was one thing, for the prohibition of another. Section 3 of the Act of 1908 was to provide that a qualified person who did not give immediate supervision to the sales of his business might be guilty of an offence under the Act of 1868, just as if he had been an unqualified person. He was required "*bona-fide* to conduct the business by himself or by some other duly registered chemist." If it was possible to get a bottle of lysol through an automatic machine without breaking the law, it was an unfortunate thing, because, as the judge pointed out, any child who had attained the limited stature to enable it to reach the effective part of the machine could get a bottle. "I think we are not going beyond our province," Mr. Justice Talbot continued, "if we say the Society and others interested in the matter should consider the question whether this mode of retailing poisons, and I dare say other medicines, should not be directly controlled by the legislature." "Section 3 does not appear to have been passed with the intention of dealing with a case like this, and indeed has no reference to it. The Section simply seeks to ensure that at every place where the business of a chemist is carried on there shall be a person, duly qualified and registered, who personally conducts that business—conducts it *bona-fide* by himself ('by himself' meaning in opposition to 'by any other person')—so securing that at every chemist's shop there is a qualified responsible head who personally conducts the business. I do not think this Section is in way directed to the manner in which a business is to be conducted; what it is directed to is ensuring that the business is conducted personally by a duly qualified and registered person."

Mr. Justice Talbot added that he thought it impossible to say the machine constituted "separate premises" so as to come within the words of the subsection "other premises where the business is carried on." If Judge Crawford found that sale through the machine, when the shop was closed, was carrying on the business of a chemist at separate premises, that was inconsistent with his earlier finding that the machine formed "part of the premises" at which this chemist's business was carried on. Mr. Justice Talbot observed that he could well understand the Society desired, if possible, to bring this procedure within the existing law without the necessity of further legislation, but it could not be done. The strongest argument would be that the machine was "left to its own devices," but that was a fallacy. The business conducted through the machine was conducted by the defendant. To say that the machine was conducting the business was metaphor that the law did not understand. The machine was only a way in which part of the business of the shop was *bona-fide* conducted. Some aspects of this sale might appear, on the face of it, to be a public mischief, but it was not an offence under this Section, and the Section could not be construed as prohibiting it, except by a construction which was not only strained, but erroneous. The appeal must be allowed with costs.

Mr. Justice Finlay concurred. Leave to appeal on behalf of the Pharmaceutical Society was given.

Association Meetings

Cardiff.—A meeting of the Cardiff Pharmacists' Association and Branch of the Pharmaceutical Society was held on April 21, Mr. H. A. Hobbs (president) in the chair. A large number of members from outlying districts were present. The meeting was called to consider matters arising from the position of the Pharmacy and Poisons Bill. The discussion on the Society's circular containing the information gave satisfaction to the meeting. Mr. Hugo Wolff, who was visiting the city, attended by invitation of the members, and on being requested to express an opinion, gave a brief description of the Bill. He believed that, taken as a whole, its introduction would provide an uplift to pharmacy. He thought that portion dealing with dispensing in doctors' surgeries would not receive much consideration in Committee or in the House, and advised pharmacists to mark time by accepting the Bill. Mr. G. C. Jenkins introduced the question of earlier closing in chemists' shops during the summer. After discussion it was agreed to transfer the matter to the local branch of the Retail Pharmacists' Union.

Glasgow.—The annual general meeting of the Glasgow Pharmacy Club was held recently, Mr. D. G. MacKenzie (president) in the chair. Satisfactory reports were given by the secretary (Mr. MacSwen) and treasurer (Miss C. Darling) and by Mr. A. B. Gilmour (treasurer of the Building Fund). The reports from the various sports sections of the Club showed a successful season in all branches. The following office-bearers were appointed for the ensuing year:—*Hon. President*, Mr. Geo. MacKay; *President*, Mr. D. G. MacKenzie; *Vice-Presidents*, Messrs. Jas. McGillivray and David Black; *Librarian*, Mr. Arthur Duncan; *Secretary and Treasurer*, Mr. W. Peebles; *Committee*, Miss Darling, Messrs. MacSwen, J. Caldwell, D. Duncan, J. W. Downie, P. Nesbit and Thos. McEwan. A vote of thanks to the president ended the meeting.

London (S.E.).—South-East London chemists were provided with an intellectual treat at their meeting on April 21, when Mr. Henry Lesser, LL.B., barrister-at-law, a past-chairman of the London Insurance Committee, lectured on *The Human Factor in Commerce*. The meeting, which was well attended, was presided over by Mr. J. E. Lockyer. In his opening remarks Mr. Lesser paid tribute to pharmacists, whom he had learned to trust because of the admirable way in which they discharged their important duties. Success in commerce, said Mr. Lesser, was dependent on service, and true service depended on co-operation between management and salesman. True co-operation was only possible when there was mutual understanding. Schemes which encouraged this were being successfully operated in large concerns and, while such were impracticable for small businesses, they could be rendered possible through trade organisations. A hearty vote of thanks, proposed by Mr. E. Oswald Wells, was carried with acclamation.

Manchester.—The annual meeting of the Manchester Pharmaceutical Association was held at the Houldsworth Hall on April 14, Mr. E. Stabler (president) in the chair. The president, in his opening remarks, dealt with the year's work, and then asked the secretary (Mr. Miller) to read the report of the work of the Council. This, as usual, was a concise and clearly defined report, showing that the work of the secretary is greatly appreciated. Mr. Miller said that during the year the Council of the Association and the Executive of the Branch has been active in supporting the claims of the Society that pharmacists in public institutions should be granted official recognition as principal officers. In Manchester the Corporation, in response to representations made to them, agreed that pharmacists only would be appointed as dispensers in their institutions, and that they would be graded as principal officers. The treasurer's report and balance sheet, which was read by the newly-elected treasurer (Mr. W. f. Scholes), was very satisfactory. The late Mr. Pidd's valuable services in this office have been greatly appreciated for a long period, and members were satis-

fied that the position is in good hands. The balance in hand was £112 2s., which was considered very satisfactory. The subscription for next year was fixed, after a vote had been taken on the question, at 10s. 6d. per annum, with a special concession of 3s. if paid before December 1. The present members of the Council having all been nominated for re-election, there was no contest this year. Votes of thanks to the president, vice-president, treasurer, auditor, librarian, secretary and social secretary were passed. Mr. J. R. Walmsley, F.I.C., Ph.C., who has spent a considerable amount of time and thought on the proposed changes in the Pharmacopoeia, gave a brief outline of what he had found and of improved methods of manufacture in regard to some of the preparations which were in everyday use. He said with regard to one or two of the proposed alterations in the constituents of well-known and popular remedies like linimentum camphorae, B.P., he thought that it was not too late to make the preparation more presentable. The address was of a very practical nature. A cordial vote of thanks to Mr. Walmsley for his address was passed.

Festivities

The Last of the Season

THE closing social function in connection with the West London Branch of the Pharmaceutical Society took the form of a particularly pleasant family gathering. About eighty prominent members and their friends foregathered in the Beta Café, Oxford Street, W., on April 23, and having supped, they danced till midnight. Everything was quite informal, and everybody seemed happy. The chairman (Mr. T. Morley Taylor) and Mrs. Morley Taylor welcomed among others the president of the Pharmaceutical Society, Mrs. Melhuish and their daughter Joan, Mr. and Mrs. C. A. Noble, Mr. and Mrs. J. A. Roberts, Mr. and Mrs. Gwilym Thomas, Mrs. Freke, Miss Sproule, Mr. Harry Martin, Mr. W. B. Falding, Mr. John Royle and Mr. B. R. Wilkinson. As usual, Mr. Wilkinson introduced many new features.

Dublin Students' Dance

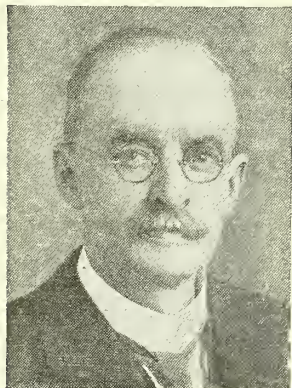
THERE was a large gathering at the Aberdeen Hall, Gresham Hotel, Dublin, on the night of April 10, when the third and most successful annual dance of the Irish pharmaceutical students (briefly reported in our issue of April 18) was held under the patronage of Mr. D. J. Nugent (president of the Pharmaceutical Society of Ireland), and Dr. M. Ryan (vice-president). Dancing commenced at 10 p.m., and continued until after 3 a.m. The company included the Lord Mayor of Dublin, Mr. F. J. Fitzpatrick (ex-president of the Pharmaceutical Society of Ireland), Mr. J. J. R. Kerr (registrar), Dr. Hopkins Ashmore, Mr. and Mrs. Montgomery, Miss Kelly, Miss Kerr, Miss P. Nugent, Messrs. Collins, V. E. Hanna, J. O'Neill, Smith and Master Nugent. A feature of the dance was the large number of spot prizes, which were presented by the following: Mr. V. E. Hanna; Mr. Collins; J. & E. Atkinson, Ltd.; Prichard & Constance (Manufacturing), Ltd.; Ayrton, Saunders & Co., Ltd.; A. de St. Dalmas & Co., Ltd.; T. F. Bristow & Co., Ltd.; The British Drug Houses, Ltd.; Yardley & Co., Ltd.; May, Roberts & Co., Ltd.; Auto-Strop Safety Razor Co., Inc.; Johnson Brothers; J. Grossmith & Son, Ltd.; Saville Perfumery, Ltd.; Vinolia Co., Ltd.; Rexall; S. Maw, Son & Sons, Ltd.; R. J. Reuter Co., Ltd.; Oppenheimer, Son & Co., Ltd.; Butler's Medical Hall; Nyal Co., Ltd.; Kodak, Ltd.; Hayes, Conyngham & Robinson, Ltd.; Beechams Pills, Ltd.; Potter & Moore, Ltd.; Evans Sons Lescher & Webb, Ltd.; Fairy Dyes, Ltd.; Colgate-Palmolive-Peet, Ltd.; Boileau & Boyd, Ltd.; A. & F. Pears, Ltd.; Solway Frères, Ltd.; Hamilton Long, Ltd.; Parke, Davis & Co.; United Chemists Association, Ltd.; Wigglesworth, Ltd.; Macleans, Ltd.; Cow & Gate, Ltd.; Potter & Clarke, Ltd.; Trufood, Ltd.; Dr. Ashmore; Parfumeries de Paris, Ltd. Samples of Butywave shampoo were distributed in the hall.

Council Candidates

IN our issues of April 18 (p. 450) and April 25 (p. 486) we gave brief biographies of five of the thirteen candidates appealing to the electorate at this year's Council election of the Pharmaceutical Society; in most instances the candidates set forth their reasons for going to the poll. We now give a further instalment.

Mr. Wilfrid Lean, Ph.C.

was educated at the Friends' Public School, Ackworth. He served his apprenticeship with J. Pumphrey & Son,



Mr. W. LEAN, Ph.C.

Evesham, passing the Minor examination in April 1896 and the Major in the following July. He was Redwood research scholar 1896-97. Mr. Lean acquired his former employer's business at Evesham, which was carried on for eight years, subsequently joining Francis Hallam, Ltd., chemists, Burton, as managing director in 1909, which position he still holds. For three years he was a member of Burton Town Council and of its public health committee. He was first and for five years organising secretary of the Burton

Pharmaceutical Committee, and representative on the Burton National Health Insurance Committee for eight years. Mr. Lean is secretary of the Burton Pharmacists' Association and a member of the executive of the Derby and District Branch of the Pharmaceutical Society. He is the father of Mr. W. S. Lean, B.Pharm., Ph.C. (Leicester College of Technology).

Mr. Lean writes that his main policy is the improvement of the status of the pharmacist and establishing him in his rightful position, free from unqualified competition, and to establish him as the statutory seller of drugs and supplier of medicines—

(1) By securing rejection of the Pharmacy and Poisons Bill.

(2) By a direct instruction from the electorate to the Council to initiate forthwith a policy under its powers granted by the Charter "for the protection of those who carry on the business of chemist and druggist." This to be done by means of a Bill to be promoted after frank consultation with all interests concerned, viz., doctors, chemists, drug-store proprietors and herbalists, which shall be fair to all parties and in the public interest, to secure:—

- (a) Prescribing to the doctors,
- (b) Dispensing to the chemists,
- (c) Restriction of sale of poisons to chemists and druggists,
- (d) The sale of all drugs and supply of medicines to registered persons,
- (e) Retention of administration of Poisons Acts by the Pharmaceutical Society,
- (f) Closing of sale of drugs, etc., to all persons thereafter unqualified by examination,
- (g) Compulsory membership of the Society at a reasonable fee,
- (h) Regulations *re* poison storage and inspection of premises to apply equally to all dispensaries.

(3) The revision of Council representation on a territorial basis.

(4) Reduction of the B.Pharm. degree examination from nine to seven days.

(5) The securing of direct parliamentary representation of pharmacy.

Mr. James Fallows McNeal

has had nearly a quarter of a century in retail pharmacy, his experience being gained in many counties, passing through all grades to proprietor. He has been an active member of the Society since qualification. Public work, coupled with his pharmaceutical experience, places him in the category of one of the most promising men of his age in pharmacy. He is a familiar figure at conferences and annual meetings of the Society. Mr. McNeal has already been singled out for advancement by his political party, and was offered a constituency at the last election. Among his public and pharmaceutical activities



Mr. J. F. McNEAL

are the following:—1926, president of the Harrow and District Branch of the Society; 1927, elected a member of the Ruislip Northwood Urban District Council, serving on the public health and building committees; secretary, Harrow Branch R.P.U.; secretary, Harrow Branch of the Society; secretary of the British Pharmaceutical Association; secretary and delegate, Harrow and District Branch of the Ex-Service Pharmacists' League; a past-treasurer of the Northwood Branch of the British Legion, of which he is a founder. Mr. McNeal has served on the committee of the Northwood Pinner Chamber of Trade, and is a past-secretary of the Northwood Branch of the Greater London Fund for the Blind. He has forwarded the following remarks addressed to members of the Pharmaceutical Society:—

You are being asked to elect seven members to your Council who will play a great part in helping to decide the final policy of the Society at a critical period, when your interests are in jeopardy owing to a Pharmacy and Poisons Bill being forced on you. I am an independent candidate, tied to no body or group for any policy. I have had some twenty-five years' experience in retail pharmacy, as a result of which I am fully conversant with your difficulties and am aware of what is lacking at Bloomsbury Square. My policy is simple and straightforward. In effect it is this: as members of a profession with a statutory qualification, the work for which you qualify should be reserved to you. The statement made in the House of Lords by Lord Dawson of Penn supports this contention. If you accept this policy, then no Pharmacy Bill would be equitable or just if it avoided defining the business of a chemist and druggist, which is the only safeguard for your business.

Opposing interests are becoming stronger and stronger, and the longer you delay in obtaining these desirable conditions, the less hope exists for your cause, because I am convinced that the present opportunity is your last one; because this Bill seeks to create another class of poison sellers, who would consolidate their position before another Bill comes along and offer enormous opposition to the claims of pharmacy. Any weakening of the law regarding the sale of poisons would have serious effects on the business of chemists in agricultural and industrial areas. With the exception of Great Britain, every civilised country is, in the interests of its peoples, making more stringent the regulations regarding the sale of poisons. This Bill provides for a new class of poison sellers, who on payment of a small fee would be able to sell such things as paregoric, carbolic acid, lysol, cyanide of potassium,

all those poisonous preparations used for agricultural, horticultural and sanitary purposes; also it will be possible for them to sell packed pharmaceutical preparations containing poison. In opposing this Bill in its entirety, I am honestly endeavouring to make way for an agreed and equitable Bill.

I am opposed to interference with our title "chemist," interference with the powers granted to our Society by our Charter, and a system that transfers the power of making regulations from Parliament to a Government department. I am in favour of territorial representation. My interest in the profession is a deep and an abiding one. I have occupied all the offices in my Branch of the Society, of which I have the honour to be secretary, and, knowing that the Society is entering on a critical period, I feel that I am qualified to guard your interests. I shall support the Council while it opposes the Bill, but I cannot subscribe to amendments or the creation of a new class of poison sellers. I therefore respectfully ask members of the Society to give me their support by voting for me and also by working for me to obtain the necessary majority, as my success is their success. If you do not want this Bill, stand by me, and in all matters affecting your interests, I will serve you faithfully and to the best of my ability.

Mr. Thomas C. Miller

is a native of Wick, Caithness-shire, where he was born in 1896. He was educated at Dunfermline High



MR. T. C. MILLER

School, and was apprenticed to the late Mr. David Gilmour, Ph.C. On the completion of his apprenticeship he joined the Army, doing most of his service in the R.A.M.C. On demobilisation in 1919 Mr. Miller attended classes at the Heriot-Watt College in Edinburgh, qualifying in 1920. After a short period as an assistant in Glasgow he began business on his own account in the dockyard village of Rosyth, and afterwards spent a few years in Langholm, Dumfriesshire, before settling down in Dunfermline,

where he has two pharmacies. He is the chemist and druggist member of the Dunfermline Rotary Club, on the council of which he serves. Mr. Miller is a member of the Dunfermline Literary Society and is prominently associated with local sports organisations. He has been for a year on the Executive of the North British Branch of the Pharmaceutical Society. Mr. Miller sends us the following statement:—

(1) My slogan is "Pharmacy for the Pharmacist," and I am in favour of a much more vigorous and progressive policy on the part of the Society to improve and advance the material welfare of the working pharmacist, "the man behind the counter," which great class of its members the Society seems to have forgotten.

(2) Amongst our national legislators there seems to be a decided lack of knowledge of the functions of our Society and what pharmacists are really doing for the nation. I would support any movement towards establishing a much closer relationship with members of the Houses of Parliament as a means of advancing our cause, getting our needs attended to, and our schemes carried out. I suggest a "pharmaceutical publicity campaign" as a means towards this end.

(3) I would press for the adoption of a militant policy towards securing an improvement of the financial terms of service for pharmacists under the National Insurance Act, in view of the probable introduction of a more comprehensive State medical service and to help improve conditions in the trade generally.

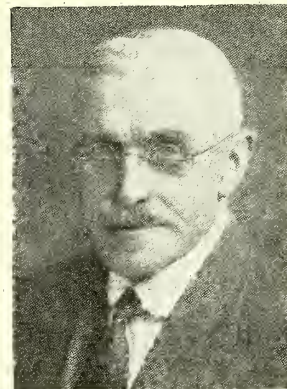
(4) I am opposed to the Bill to amend the law relating to pharmacy and poisons. I consider it best to take measures to make it impossible for this measure to be put on the statute-book, even at the risk of delaying the introduction of any form of pharmaceutical legislation, because if this Bill, which nobody appears to want, comes into operation, we pharmacists stand to lose a very great deal and gain almost nothing. I am confident the Bill can be successfully opposed if this opposition is conducted in the proper manner, and I am equally sure that a real measure can be framed to give us much of what we desire which will have a good measure of success in its passage through the Houses of Parliament.

(5) I am very grateful to the very large number of my fellow members who honoured me with their vote at the last election, and I confidently ask for their support at the coming election in May. I offer my cordial thanks in anticipation of a very much increased poll on my behalf. As a Scottish pharmacist I feel Scotland is not adequately represented on the Council. I appeal to all Scottish pharmacists, and to all our good friends everywhere, to help remedy this when voting time comes along!

(6) Service at all times to the advancement of the profession, and the improvement of conditions of life and work in the chemist's shop, is the essence of my election policy.

Mr. E. Saville Peck, M.A., Ph.C.

a son of the late Mr. Alderman G. Peck, was educated at the Perse Grammar School in Cambridge, and, after qualifying as a pharmaceutical chemist, joined his father in the old-established business opposite the Fitzwilliam Museum. At the same time he continued his studies and proceeded to the B.A. and M.A. degrees at the University. He was appointed on the Board of Examiners of the Society in 1901, acted as secretary of the British Pharmaceutical Conference for eleven years, and subsequently was president of that body on two occasions. Mr. Peck was elected to the Council in 1921, and has been a member of the Education, Finance, Journal and Establishment Committees.



MR. E. SAVILLE PECK, M.A., Ph.C.

He has represented the Society at meetings of the International Federation of Pharmaceutical Associations, and last year at Stockholm was elected a vice-president of the organisation. In Cambridge Mr. Peck is a member of the Town Council, and has acted as chairman of the Library Committee, and is a member of the Public Health, Sewage, Disposal and other Committees. Upon the outbreak of war he rejoined his Territorial Unit, the Cambridgeshire Regiment, and was subsequently transferred to the Gas Service. After studying in France the various problems connected with the case of poison gas in warfare, he was sent to America to assist in the organisation of the troops there. He was the first president of the Cambridge Rotary Club, and last year was again elected to this office. He is an advocate of "co-partnership," and has recently reorganised his business so as to admit three of his assistants into the management and directorate of the firm.

Mr. Peck writes that he is fully alive to the grave responsibilities placed upon the Council of the Society at the present juncture, and asks that he and his colleagues may be trusted to act in the best interests of pharmacy in connection with the Pharmacy and Poisons Bill now before Parliament.

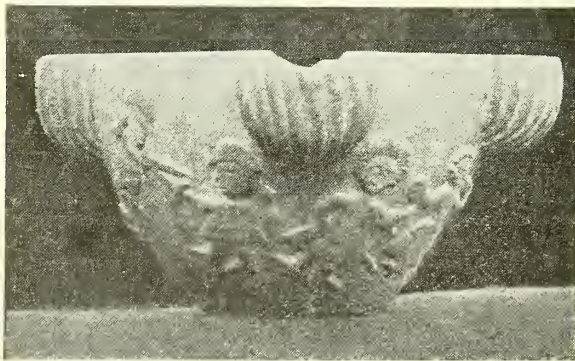
Stone Mortars

A CONTRIBUTOR to the "Western Mail and South Wales News" recently described in that paper what he termed a quern in the possession of Mr. Morgan



W. James, manufacturing chemist, Cardiff, and proceeded to compare other specimens with it. Mr. Morgan James favoured us with a cutting from the "Western Mail," adding that the specimen measures 14 in. across at the top and is 10½ in. high. An expert to whom we have submitted Mr. Morgan James's letter writes:—

"The drawing sent by Mr. Morgan James indicates a type of mortar not by any means rare. I see them at country sales, and they are often used as garden ornaments when of large size. What I understand by the word "quern" is a kind of hand-mill for grinding corn, consisting of two stones, flat and circular, the upper one pierced with a central conical hole, through which the corn was poured, and also fitted with a



handle for rotating. I have seen similar mortars in stone, alabaster, marble and slate. A pharmacy in Old Compton Street, Soho, London, used to exhibit one hewn out of red and white granite. Some are lipped, showing that liquids were often mixed in them. About a century and a half ago no household or druggist's shop would be complete without one. I enclose a photograph of one I formerly possessed. Its decoration gives it more interest."

MOTORISTS' FIRST-AID OUTFITS.—The British Red Cross Society, 14 Grosvenor Crescent, London, S.W.1, is putting on the market three sizes of first-aid outfits for motorists, to be on sale at 10s. 6d., 28s. 6d., and 42s. respectively.

"Hawking"

THIS heading may seem rather crude, but hawking it is and hawking it is considered by one's customers. There is more money to be made out of pharmacy this way than "managing," and one needs only a fraction of the stock (kept in a small warehouse or even a room at home) that one needs to start a shop. I have done this hawking business for over nine years, so can claim to be some slight authority on the subject. First let me show some of the legal aspects. It is open to doubt whether the business is strictly legal although, personally, I have never had any trouble. Can one keep open shop in a car? It is doubtful whether one can legally carry and sell lysol, carbolic disinfecting powder, Potter's and Hinksman's. Two chemists in Scotland have been fined recently, one for allowing an assistant to sell Hinksman's from a car and the other lysol, but both these prosecutions were against the unqualified assistants and not for selling from a car. I am of the opinion that where a qualified man is himself doing the travelling there is little likelihood of trouble. Now for the necessities and possibilities. I have a Morris Minor saloon, chosen because it is under twelve hundredweight, and thus bears a £9 commercial tax, whereas a bigger car would be £15. The insurance is, incidentally, cheaper, as are also petrol, tyres, and wear and tear in proportion. The back seat lifts out and the front near seat, secured only by two nuts, takes only a couple of minutes to remove. I had a board made to cover the two wells between the back seat and the front and this gives a complete floor apart from that occupied by the driver's seat. I had brackets made in very light wood to carry four shelves, and the shelves made of half-inch frame with three-ply bottoms. The whole interior fittings were made by the local joiner in a very short time at a cost of a few shillings. The stock carried depends on the district travelled, and one soon finds out what is worth carrying and what is not.

ARRANGING THE ROUNDS

I carry the usual run of fast-selling patents, health salts, and pills, and I have, owing to demand, included confectionery, cigarettes and tobacco. The most important point is the locality where one intends to start. One should choose a town not too large but as heavily populated as possible within a twenty-mile radius. Starting at, say, 9 a.m., one can serve nearly a hundred customers and be home by five or six o'clock. It is best to arrange only five rounds so that one gets a full day for cleaning, doing running repairs or adjustments and stock-taking and unpacking. It is quite within reason to have only five good rounds and do them every week. I have tried my rounds weekly, fortnightly and monthly, and found that the weekly returns were just as good as the monthly, as in the intervening weeks one's customers got their goods elsewhere. My daily takings are £8 to £10; taking the average, that brings in £45 per week. This, if the business is on a proper footing, gives one a clear profit of at least £8 per week. Here is a word in season—get a good car. A new one works out very reasonably on a two years' payment, but if a second-hand one is bought be sure it is a sound proposition; last year I lost over £40 in a very short time with a second-hand car which I thought was all right. "Hawking" is interesting and remunerative, a combination of good points possessed by few jobs. When one has got to be really friendly with one's former customers a very big field of turnover is open in the way of sheep-dips, tar, rud and veterinary medicines. One gets a big pull over the dealer in the nearest market town who only sees the customer two or three times a year; delivery to the door-step, thus saving the trouble, probably, of collecting at the nearest station, is also a very powerful lever.—J. D. (26/9.)

THE President of the Blackpool Chamber of Trade describes the system of conducting bazaars as a sort of "refined blackmail"

Personalities

MR. CHRISTOPHER HANSON, Ph.C., Grassendale, has been appointed president of the Liverpool Yorkshire Society.

MR. THOMAS SWALES, chemists' sundriesman, Leeds, has been elected churchwarden of St. Chad's Church, Headingley, for the seventh year.

MR. J. S. NORRIE, chemist and druggist, Tunbridge Wells, has been elected a member of the committee of the Southborough Trade and Improvement Association.

THE wedding of Mr. John Cleworth's daughter, as announced on p. 514, took place at Christ Church, Moss Side, Manchester, on April 22. After the ceremony sixty guests were present at a lunch and reception given by the parents of the bride at Duncan & Foster's Restaurant, Oxford Road. Many connected with pharmacy were present, including Mr. and Mrs. J. H. Franklin, Alderman and Mrs. Percy Knott, Bolton, Mr. and Mrs. T. Miller, Mr. R. Hough, Mrs. E. H. Simmons, Mr. and Mrs. D. Dickson, and Mr. and Mrs. J. H. Nidd.



Photo] [Cleworth

MR. AND MRS. R. SUNTER

CERTIFICATES OF NATURALISATION have been granted to I. Kesel, medical practitioner, 652 Old Kent Road, London; M. Kopelowitz, medical practitioner, 43 Linden Road, Gosforth, Northumberland; A. B. Pastel, medical practitioner, 65 High Road, Chiswick, Middlesex; J. Shlosberg, medical practitioner, 13 Roston Road, Broughton Park, Salford; R. Ström-Olsen, medical practitioner, The Mental Hospital, Rowditch, Derbyshire.

MR. T. G. LAWRENCE, chemist and druggist, Swansea, gave an address on "The Pharmacist, His History and His Work" before a recent meeting of the local Rotary Club.

NOTICE is given in "The London Gazette" that Augustus William Wistinghausen Hoffman, M.R.C.S., L.R.C.P., Oakfield, Fordingbridge, Southampton, has assumed the name of Augustus William Hoffman Hamilton by deed poll.

THE ALDERSGATE CHORAL SOCIETY (S. Maw, Son & Sons, Ltd.), of which Mr. Edgar Wells is the musical director, have won the St. Bride's Foundation perpetual challenge cup at the fourth annual Eisteddfod of the St. Bride's Institute, Fleet Street, London, E.C.

MR. J. RATCLIFFE retires from the staff of James Woolley, Sons & Co., Ltd., this week, after completing fifty years' service. He carries with him the good wishes of the firm and his colleagues. Mr. Ratcliffe is a well-known figure to many Manchester pharmacists, and has numerous friends who will wish him happiness in his retirement.

Trade Notes

AUTOMATIC MACHINE CO., LTD., Hong Kong Works, Wembley, can supply single or double column vending machines for roll films.

THE attractive showcard depicted below makes a fine setting for a display of Bronnley's bath soap. It is



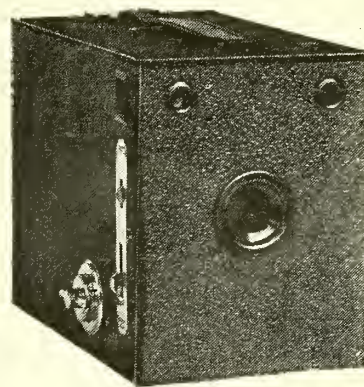
printed in red, black and silver, and will be sent free on request to H. Bronnley & Co., Ltd., Acton Vale, London, W.3.

BATHING CAPS.—Butler & Crispe, 80 Clerkenwell Road, London, E.C., are offering an exceptional range of bathing caps of the latest design, as will be seen from the illustrations on another page.

GILLETTE INDUSTRIES, LTD., 197 City Road, London, E.C.1, are introducing the 7 o'clock double edged safety razor blades, particulars of which are given in the company's advertisement in this issue.

LOCKSAL, 86 Princess Street, Manchester, have sent us samples of Locksal medicated bath salts and Locksal medicated bath mustard. These preparations are obtainable through the usual wholesale channels, and advertising matter will be sent on request.

STANDARD CAMERA CO., 51 Mott Street, Birmingham, are the manufacturers of two of the lowest-priced cameras on the market; No. 1 takes vest-pocket roll film, No. 2 is for 3½ in. by 2½ in. roll film. Both are box form cameras fitted with two reflex view finders and covered with a material having the appearance of black antique leather. The shutter allows time and instantaneous exposures.



THE BRITISH ALUMINIUM CO., LTD., Adelaide House, King William Street, London, E.C.4, have published an informative memorandum (No. 16) on "The Surface Treatment of Aluminium and its Alloys." Anyone interested in the use of this metal will find that a copy of the memorandum is well worth writing for.

Marriages

BLTYHE—WHITTAKER.—In London, on April 16, William Blythe (William Blythe & Co., Ltd., chemical manufacturers, Church, Accrington) to Eileen Whittaker.

CARNEY—O'SULLIVAN.—At the Church of Our Lady of Refuge, Rathmines, Dublin, on April 14, Valentine Carney, R.D., second son of Mr. V. Carney, L.P.S.I., Maynooth, to Nanette O'Sullivan, M.P.S.I.

DEMAIN—RUDD.—At the Cathedral, Ripon, on April 29, by the Rev. Minor Canon H. R. Williams, Precentor, John Demain, Spalding, to Margaret E. M. Rudd, M.P.S., eldest daughter of Mr. H. Bulmer Rudd, Ph.C., M.P.S., 10 Crescent Parade, Ripon.

HUGHES—BOWMAN.—At Trinity Presbyterian Church, Bishop Auckland, on April 20, Phillip Raymond Hughes, M.P.S., F.S.M.C., F.B.O.A., to Edythe Margaret Bowman, chemist and druggist, Macclesfield. Present address: 33 Outram Street, Sutton-in-Ashfield, Notts.

LESCHER—DALY.—At the Church of St. Francis d'Assisi, Midhurst, Sussex, on April 20, Edward Patrick Harwood Lescher, eldest son of Mr. T. Edward Lescher, O.B.E., Birkdale, to Eileen Mary, youngest daughter of the late Dr. Daly, of Eastbourne.

PILLING—BEEVER.—At St. James's Church, Rusholme, Manchester, recently, Henry George Pilling, M.P.S. (H. G. Pilling (Chemists), Ltd., Longsight), to Elsie, the only daughter of Mr. Beever, Southway, Hayfield.

ROBERTS—PUGH.—At St. Theodore's Church, Port Talbot, recently, Gilbert Rees Roberts, chemist and druggist, to Hannah Alexandra Pugh.

STANCLIFFE—GRAYSON.—At the Congregational Church, Whitehaven, on April 14, G. Bernard Stancliffe to Nancy, daughter of Mr. J. H. Grayson, Ph.C., Whitehaven.

SUNTER—CLEWORTH.—At Christ Church, Moss Side, Manchester, on April 22, Robert Sunter, eldest son of Mr. and Mrs. R. Sunter, "Wensley," Alexandra Road South, Manchester, to Evelyn, elder daughter of Mr. John Cleworth, M.P.S., and Mrs. Cleworth, Ducie Street, Greenheys, Manchester.

Deaths

ATKINS.—At his residence, 15 Stannington Avenue, Heaton, Newcastle-upon-Tyne, on April 20, Mr. William Atkins, chemist and druggist, for forty years in business at 126 Raby Street, aged sixty-one. Mr. Atkins's business was converted into a limited company at the end of last year, and two other pharmacies in the city were included. Mr. Atkins was an active member of the old Newcastle and District Chemists' Association, the Newcastle District and Northumberland Branch of the Pharmaceutical Society and of the local Branch of the Photographic Dealers' Association. He was a prominent Conservative, and at one time a city councillor. He leaves a widow, two sons and five daughters. His son, Mr. R. V. Atkins, chemist and druggist, is a director of Atkins, Ltd., and two of his daughters are also qualified. The funeral took place on April 23 at Heaton Cemetery, Newcastle, when there were present Mr. R. Hepworth, Ph.C., Mr. T. H. Flemming, Ph.C., and Mr. C. A. McClosky, Ph.C. (Newcastle), Mr. R. Pool (Gosforth), and Mr. J. F. Simpson (Felling), representing the Newcastle, District and Northumberland Branch of the Pharmaceutical Society, and Mr. J. D. Walker (John Mackay & Co., Ltd.).

CORNISH.—At Easton, Bristol, on April 14, Mr. Arthur William Cornish, chemist and druggist, aged fifty-six.

DAVIES.—At a branch of Boots, Ltd., in London, E.C.2, on April 20, Mr. David Lewis Davies, Ph.C. Mr. Davies passed the Major examination in 1901.

FRESSON.—At Stevenage, on April 20, Mr. Frederick Henry Fresson, chemist and druggist, aged seventy-two. For many years prior to his retirement in 1930 Mr. Fresson carried on the pharmacy at Stevenage, which was acquired by his father in 1848. He was a member of the Urban Council for upwards of twenty years, became chairman of that body, and was a warden of the Parish Church for twenty-one years in succession to his father.

GOODENOUGH.—At Somersham, Hunts, on April 15, Mr. Joshua Goodenough, chemist and druggist, aged eighty-two. Mr. Goodenough was a native of March, where he was originally with the late Mr. Vawser, chemist and druggist. On going to Somersham he took over the pharmacy of the late Mr. Cross. This he carried on for many years, and subsequently established a mineral-water business in the town.

GRAYSON.—At Turner's Hill, Cheshunt, on April 9, Mr. William Henry Grayson, chemist and druggist, 18 Eldon Street, South Place, London, E.C.2, aged sixty-six.

RATCLIFFE.—At Biggleswade, recently, Mr. Joseph William Ratcliffe, chemist and druggist, aged seventy-two. Mr. Ratcliffe was a native of Wisbech, and at the age of fourteen went to assist his uncle, Mr. Gifford, chemist, at Sutton Bridge, Lincolnshire. On the death of Mr. Gifford he took over the business, afterwards removing to Biggleswade.

WILLIAMS.—At Bognor, on April 20, Mr. Herbert Charles Williams, a representative of Whiffen & Sons, Ltd., manufacturing chemists, Carnwath Road, London, S.W.6. Mr. Williams had been with the firm upwards of forty years, and his death is much regretted by Messrs. Whiffen and those who knew him personally. He had been in failing health for the past three or four years, and had recently retired on pension.

Wills

MR. JOHN HODGKIN, F.R.S., of Three Mile Cross, Shinfield, near Reading, for many years a partner in the firm of Howards & Sons, Ltd., manufacturing chemists, Ilford, who died on December 26 last, left estate of the gross value of £6,802 11s. 3d., with net personality £3,739 7s. 4d.

MR. LLEWELLYN NORTH, of Tillingham, Wellingborough Road, Northampton, chemist and druggist, for many years water analyst to the Northampton Town Council, who died on February 10 last, aged fifty-seven, left estate of the gross value of £10,824 5s., with net personality £6,396 8s. 5d.

MR. DAVID HENRY WILLIAMS, of Oketon Nursing Home, Hampton Road, Teddington, chemist and druggist, formerly in business at Southgate, N., and afterwards at West Hill, Wandsworth, S.W., who died on February 6 last, aged eighty-two, left estate of the gross value of £4,410 5s. 5d., with net personality £3,636 9s. 7d.

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

L/294. Acrophacil	B/274. Novaltox
B/294. Angioxilin	M/294. Puritee rubber gloves
M/214. Black malt	E/274. Terry's calves' foot jelly
M/254. Chlorophylline	L/174. Wood's emergency cases
E/274. Feratol	
M/294. Liverine	
L/184. Nematin brilliantine	

Observations and Reflections

By Xrayser III

Photographic Chemists

were well catered for in your last week's issue, and I particularly was impressed with the soundness of the advice given in your editorial article and elsewhere in your pages. If a photographic business is to become really successful, arrangements should be made for work required by amateurs to be done on the premises as far as possible. These should include enlarging, for the reasons stated on page 494, and this reminds me how an establishment at one popular seaside resort makes the provision of enlargements one of the means by which its developing and printing department is able to attract business. In addition to performing the work expeditiously and well, this photographer selects what he regards as the most likely item on each film, prepares an enlargement therefrom, and sends it free of charge to his customer when he returns the film with the prints. The enlargement is always of useful size, and the customer is often tempted to order more like it. But the important point to which I wish to direct attention is that this dealer is able to rely upon the same customers sending their films to him year after year, from the places which they are visiting, or after they return home. This I regard as the best proof of satisfaction with the results obtained.

Thanks to Mr. Mallinson,

the meaning of the proposed changes in the constitution of the R.P.U. is now quite clear (*C. & D.*, April 25, p. 501), and I am glad to know that no opening will necessarily be left for a third representative body in pharmacy. Much will, of course, depend upon the terms offered to managers and assistants, who are likely to prove hesitant about joining a body which was primarily constituted for the sole purpose of furthering the interests of proprietors of pharmacies, but I feel satisfied that the Executive of the R.P.U. is disposed to approach the problem of making the Union an all-in protective body with every desire to do the best for all concerned. Not only so, but the proposed new arrangements, as explained by Mr. Mallinson, provide for widening the scope of the Union in any event, whether the Pharmacy and Poisons Bill passes or not. This leads me to express sympathy with the suggestion contained in the letter of one of your correspondents last week (p. 502), namely, that Mr. McNeal and those associated with him should be prepared to relinquish their use of the title which the Executive of the R.P.U. had, it was understood, been disposed to regard as suitable for the purpose when a change of title is made. Concession in this direction would doubtless be appreciated to the utmost, and I do not hesitate to recommend that it be considered seriously.

Candidates' Views

are gradually being disclosed to us in anticipation of the Pharmaceutical Council election, and it needs no gift of prophecy to foretell that everyone who presents himself on this occasion seems likely to put rejection of the Government Bill in the forefront of his programme. One or more of the candidates may amuse us by crying for the moon, and some of the views expressed may seem illogical; but there is nothing in the contest this year to make it out of the way exciting, or to justify any change, and I should doubt if there is the remotest prospect of any change being effected. What is needed to create a lively interest in the contest on some future occasion is disclosure of the peculiar manner in which the proceedings of the Society are conducted. Judging from casual remarks of councillors, which have been repeated to me, all is not well at No. 17.

It May Be

that, some day, someone will feel an impulse to write a history of the utensils and apparatus employed in chemistry and pharmacy. Such a work would, of necessity, contain an account of the mortar and pestle. For my own part I hope that the author that-is-to-be will not overlook the claims which Robinson Crusoe possesses for a niche in the record. Just now we are celebrating the two hundredth anniversary of the death (April 26, 1731) of Defoe, and it cannot be amiss that pharmacists should pay a small tribute to his memory by recollecting what is one of the surest strokes of his genius for descriptive writing, namely, his account of Crusoe's ingenuity—the ingenuity of the primitive man—in obtaining a mortar to grind his corn. He says: "My next concern was to get me a stone mortar to stamp or beat some corn in; for, as to the mill, there was no thought of arriving to that perfection of art with one pair of hands. To supply this want I was at a great loss; for of all trades in the world I was as perfectly unqualified for a stone-cutter as for any whatever; neither had I any tools to go about it with. I spent many a day to find out a great stone big enough to cut hollow and make fit for a mortar, and could find none at all, except what was in the solid rock, and which I had no way to dig or cut out. . . . So, after a great deal of time lost in searching for a stone, I gave it over, and resolved to look out for a great block of hard wood, which I found, indeed, much easier; and getting one as big as I had strength to stir, I rounded it, and formed it on the outside with my axe and hatchet; and then with the help of fire and infinite labour made a hollow place in it as the Indians in Brazil make their canoes. After this I made a great heavy pestle, or beater, of the wood called the iron-wood." And thus Crusoe is said to have obtained his mortar in almost certainly the same way as the ancient Greeks did.

Although It Does Not Possess

the attraction for readers of all ages, which is the great characteristic of "Robinson Crusoe," Defoe's "A Journal of the Plague Year" is a piece of historical fiction unrivalled by any work of the same genre. For two centuries it was accepted by many as the only account of the Great Plague, and even by those who were fully aware of the true character of the work it was regarded as the only effort that had been made to present a fair picture of the dreadful calamity. Mr. Walter G. Bell, who has made good the desideratum of a history of the plague, compares his own authentic work with Defoe's, from which comparison it appears remarkable that Defoe should have succeeded in painting so true, if not an exact, picture of its horrors. Not a few people will have obtained their clearest impressions of the catastrophe from Harrison Ainsworth's "Old Saint Paul's," which vivid work was based upon Defoe's work, but only in part upon the "Journal." Harrison made use of another book written and published by Defoe in the year previous to the publication of the "Journal"; this latter appeared in 1722. The other book bears the date 1721, and is called "Due Preparations for the Plague, as well for Soul as Body." Its title reveals the purpose of its author in providing his readers with material and spiritual aids wherewith to combat the dreadful disease if it should strike at London from Marseilles, of which city he seems to have had information in respect of the effect of the epidemic at that time raging there. This, then, is the book Harrison used as the basis of his romance. It is a rather rare one; I am under the impression that only one complete reprint of it has been published.



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Editorial Articles

Poisons from Automatic Machines

It would be difficult, after reading the judgment delivered by Mr. Justice Talbot on April 24 (see p. 508) in the case of Pharmaceutical Society v. Watkinson (a judgment in which Mr. Justice Finlay concurred), to question the soundness of the decision, or to do otherwise than concur in the learned judge's plain intimation that the Pharmaceutical Society should consider the advisability of seeking for fresh legislative control over the method of selling poisons from automatic machines. It is noteworthy that Mr. Justice Talbot stated that he had come to his conclusions on the legal aspect of the case with reluctance. The most the learned judges could do was to point out the serious loophole that has been discovered in the law. We do not know whether the case will go further; a finding in favour of the Pharmaceutical Society by the Court of Appeal would, as likely as not, be reversed in the House of Lords; and obviously the wise course for the Society to adopt will be that suggested by Mr. Justice Talbot. The point arose during the debate on the Report stage of the Pharmacy and Poisons Bill in the House of Lords on April 28, when Lord Pon-

sonby, who is in charge of the Bill, made the following guarded statement:—"The case to which the noble Viscount [Viscount Bertie of Thame] has alluded is one against which there is going to be an appeal—I think an appeal is pending." It is a remarkable coincidence that just at the very time this serious defect in the law relating to the sale of poisons is revealed the Legislature should be dealing with a Bill to amend the law; but even more remarkable is the fact that this case provides the Pharmaceutical Society with the best object-lesson that could possibly be found to show the danger that lurks behind the proposals in that Bill to legalise the sale of poisons by unqualified retail tradesmen of any class by simply letting them be "licensed" to sell poisons.

Possible Consequences

We can visualise what will happen if this new Bill should pass into law. Every "licensed" shopkeeper will be in a position to evade all the rules and regulations about selling poisons by merely fixing up two or three automatic machines of modern type filled with poisons such as lysol, carbolic acid and other disinfectants, where (as was pointed out by Judge Crawford and emphasised by Mr. Justice Talbot) any child tall enough to reach the effective part of the machine can get a supply, and leave it to the public to help themselves. It may be suggested that this trouble could be remedied by inserting a clause in the Bill or by making a regulation under the Bill prohibiting the sale of poisons by means of automatic machines. We see that an attempt was made, in the course of the House of Lords debate to which we have just referred (the principal parts of which are reported on p. 519), to regularise the situation by inserting in Clause 11 (a), after "in," the words "every part of," making the subclause read—

"In every part of each set of premises where the business is carried on the business must be *bona fide* conducted by the pharmacist himself or some other registered pharmacist,"

apparently in the hope that pharmacists could be made legally responsible for the supervision of sales by their automatic machines. Such a hope is quite delusory. The really serious aspect of the decision just given does not appear on the surface; it is to be found in the finding against personal supervision.

Personal Supervision Nugatory

The learned judges of the Divisional Court have held, in fact, that a person authorised to sell poisons may place supplies of them in automatic machines and leave the public to help themselves. That is how the law now stands. So if and when the Bill just emerging from the House of Lords becomes law, we may expect to see the sixpenny (why not two-penny?) packet of some disinfectant and the sixpenny bottle of carbolic acid or lysol (not to mention a score of other deadly poisons, "useful," no doubt, for domestic purposes) on sale by day and night in automatic machines plentifully exhibited outside corn dealers' and ironmongers' and confectioners' shops, from which the public can obtain their supplies without any supervision whatever—qualified or unqualified. But what is the position of the Pharmaceutical Society to-day under this

judgment? Personal supervision—the *bona-fide* personal responsibility of the qualified or licensed seller of poisons—has gone. How, in the face of this decision of the Divisional Court, can any action again be taken against the unqualified chemist's assistant or, worse still, against the licensed corn dealer's unlicensed assistant? There is one course, and one course only, open now to the Society, and that is to secure the defeat of this Bill in its entirety—to get it rejected or get it withdrawn—it matters little what the end may be; the Society and its representatives must strain every nerve to make clear to the House of Commons and the country the import of the decision in the Watkinson case.

The Budget

It would probably be correct to assume that much of the comparatively favourable reception accorded to Mr. Snowden's Budget speech is to be ascribed to admiration of the determination of the Chancellor which enabled him at the call of duty to overcome the physical disabilities under which he has suffered. For a careful study of the Budget proposals is not calculated to provoke enthusiasm; indeed, Mr. Snowden himself seemed to be conscious of this.

New Taxes and—

Faced with a deficit of £37,366,000, the Chancellor proposes to provide for it by the provision of two new taxes and by another expedient. One of the new taxes takes the form of calling in within the current financial year a portion of the income tax assessed for the year, but under the law as it stands not payable until after the year has expired. By this means he counts on obtaining £10,000,000 towards the sum required to balance the Budget. As this proceeding was described by Mr. Snowden as merely the partial withdrawal of a concession made by a recent Act, it seems that he would like to obscure the fact that it is in reality an addition to the income tax for the year. In 1915, when an emergency war Finance Act was passed raising the income tax from 1s. 8d. to 3s. in the £, provision was made that the tax for each financial year, instead of being payable in one sum on January 1 within that year, should be payable as to half on January 1 and the remaining half on the following July 1. It is now proposed to require payment of three-fourths of the tax assessed for the year in the January, leaving only one-fourth over to the July. The other new tax is the increase of 2d. per gallon imposed on hydrocarbon oils, raising the total duty to 6d. per gallon. The return from the tax is estimated to come to £7,500,000. To this extent the Chancellor's claim that he has succeeded in avoiding fresh taxation must be accepted with reserve. To obtain the balance required to clear up what remains of the deficit Mr. Snowden proposes to take £20,000,000 from a hoard known as the Exchange Account. The only remission of taxation which Mr. Snowden found himself at liberty to grant was in the reduction of the tax on light motor cycles from 30s. to 15s.

—The Tax Collectors

When we turn to what can only by some stretch of language be regarded as distinctively Budget proposals, we see the prospect of a serious struggle on their merits—the proposal to reconstitute the body of income-tax collectors throughout the country as a distinct branch of the civil service appointed and controlled by Somerset House, and the proposal to take measures preparatory to the adoption in a future Budget of some scheme of land taxation. It may not be generally known, despite the recent Press controversy on the

subject, that on the reintroduction of the income tax in its present form the assessing and collecting machinery conceded as a safeguard to popular rights against the encroachments of official tax gatherers was revived, and one feature of this was the principle of assessment and collection (subject to official supervision) by local machinery. As for the contemplated land values tax, it would be premature to consider it until details of its nature and incidence are disclosed, but it is significant that the previous attempt to levy a tax on land values by the famous Finance (1909-10) Act, 1910, proved an abject failure. The Budget is admittedly an emergency one, conceived in the expectation that we are at last on the eve of the long-awaited trade revival.

The Position of Tragacanth

CONSIDERABLE interest continues to be shown in the tragacanth market, on account of the meagre new crop arrivals of both the fine and medium grades. Since the beginning of the year, in spite of the requests from the London market, the amount of the finer grades exported from origin have been well below normal, and consequently buyers on this side have been compelled in many instances to purchase lower standards, in order to obtain supplies. In grading this gum in the past, shippers have created great dissatisfaction among consumers, on account of the lack of uniformity in qualities, and in several instances we have seen parcels so badly mixed, that it has been impossible to sell them. In one parcel that was shipped some time ago, while the major portion consisted of No. 1 ribbon leaf, valued at £30 per cwt., there was quite a sprinkling of a yellow and reddish leaf, valued at £6 per cwt. The result was that the parcel had ultimately to be sacrificed at a heavy loss to the shipper, and was eventually sold at well under £20 per cwt.—considerably below the original price limit.

General Improvement in Grading

During the past year, however, there has been a noticeable improvement in the grading of the various qualities at the source of production, and exporters are well advised to pay every attention to this important point on future shipments. In fact, it is only fair to point out that even in the lower medium-grade gums (between the values of £8 and £12 per cwt.) this season's new crop arrivals have shown a marked superiority over previous shipments, with the result that sales generally have been very satisfactory. The only parcels which have "hung fire" are badly graded, so that shippers should therefore realise that the policy of sending well-graded consignments to this market fully compensates in the long run by the speedy sales that are effected.

Statistical Position

During the past three months the statistical position has changed in favour of the seller, and in fact deliveries have even exceeded arrivals over this period. This points to the fact that supplies at origin are very short, and confirms advices received from Persia at the commencement of the crop that climatic conditions were all against plentiful supplies. A glance at the shipping manifests discloses the paucity by the small number of packages exported, especially of the medium and finer grades. We give below some interesting statistics, showing the arrivals, deliveries and stocks up to the end of March for the past six years:—

	1926	1927	1928	1929	1930	1931
Arrivals.. ..	3,525	9,631	2,375	5,013	4,081	2,730
Deliveries	3,159	3,418	3,757	3,250	2,432	2,735
Stocks	3,161	9,392	6,379	10,520	12,251	11,022

The quantities represent packages, bags weighing from 1½ to 1¾ cwt. each, and cases from one cwt. to 2¼ cwt. The present stock of 11,022 packages chiefly consists of the lower grades, which for some time past have been almost neglected; for example, gum imported two years ago at 130s. per cwt. would be difficult to sell to-day at 60s. per cwt. On the other hand, the medium and finer grades, valued at between £15 and £25 per cwt., are in fact approximately £2 per cwt. dearer than a year ago. Therefore, should the arrivals of these grades not improve over the next two months, prices of these qualities will be well maintained, as the imports over the second half of the year are invariably small. The quantity of really fine elect gum—the druggists' quality—valued at between £29 and £31 per cwt., is also in limited supply.

Sir Edward Clarke and Pharmacy

THE death of the venerable "father" of the English Bar will recall to the memory of many chemists the part the late Sir Edward Clarke played in the famous "poisonous vegetable alkaloid" case of Brown v. Leggett in 1905, when he appeared with H. D. Bonsey and William Glyn-Jones as his juniors for the appellant and successfully maintained his case, securing the quashing of a conviction by the Leeds stipendiary magistrate of a chemist who had sold Rankin's Ointment without the formalities required in connection with the sale of a poison included in the first Part of Schedule A to the Pharmacy Act, 1868. The subject of contention was veratrine, and the Court (over which the late Lord Alverstone, Lord Chief Justice, presided) held that a vermucidal ointment containing 1 per cent. of veratrine did not come within the ambit of the first Part of Schedule A. So far as we are aware, this was the only one of the series of famous pharmaceutical decisions in which Sir Edward Clarke was engaged.

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 28 Essex Street, London, W.C.2."

QUALITATIVE ANALYSIS FOR JUNIOR STUDENTS

A MIXTURE of two salts will form the subject of the next exercise in qualitative analysis. The mixture may contain metallic and inorganic acidic radicals occurring in the British Pharmacopœia. It is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by a stamped and addressed envelope, not a stamp merely) will be received up to Tuesday, May 5, on which day the samples will be posted. Students' reports will be received up to Saturday, May 16. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

SPECIAL NOTICE.—The prizes in this analysis will be awarded only to apprentices or assistants (not former tournament prize-winners) who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, and who have not passed in Chemistry in the Preliminary Scientific Examination in Great Britain, in the Licence Examination in the Irish Free State, or in Chemistry, Part I, in Northern Ireland, which facts must be attested on their reports. Others may obtain specimens of the mixture of salts, and their reports will be separately adjudicated, but they will be regarded as *hors concours*.

Pharmacy and Poisons Bill

Report Stage in the House of Lords

THE Report stage of the Pharmacy and Poisons Bill was taken in the House of Lords on April 28. Before the amendments made in Committee were reported,

Lord PONSONBY (Chancellor of the Duchy of Lancaster) made an explanation of the phrase "persons of low moral standard" used by him during the debate in Committee. His lordship repeated in substance the letter quoted in our issue of April 25 (p. 473). The majority of the amendments were drafting or consequential amendments designed to make clearer the meaning of certain clauses. The others were as follows:—

Clause 7 (1)

Viscount BERTIE moved to insert, after "to take or use in connection with the sale of goods by retail" and before "the title of chemist," the words "or the dispensing of medicines." His lordship said that this amendment had been moved in Committee, and was designed to prevent the use of the title "chemist" by unqualified dispensers in hospitals or in the laboratory of a manufacturing house. Such a use of the title was not only misleading in the hospital, but might become a means whereby a person not entitled to do so could obtain possession of "dangerous" drugs.

Lord PONSONBY opposed the amendment, and it was withdrawn, Viscount Bertie adding that he would like to consult the Pharmaceutical Society.

Clause 11 (a)

Viscount BERTIE moved to insert after "in" the words "every part of." His lordship explained that this was a manuscript amendment of which he had given private notice, and that it arose out of a rather disquieting case, the Council of the Pharmaceutical Society v. Watkinson [see pp. 508 and 516.—EDITOR.] After quoting part of the judgment of Mr. Justice Talbot, which his lordship characterised as "a very serious statement," Viscount Bertie added that he thought now was the time when the legislation should be altered to cover the case.

Objection to the presentation of a manuscript amendment was made by several noble lords, and the amendment was withdrawn, Lord Ponsonby adding that he would not hold out any prospect of incorporating any such amendment on the third reading of the Bill.

Clause 12 (2)

Lord COZENS-HARDY moved to insert at the end of the subsection a provision to the effect that a body corporate every director of which is a pharmaceutical chemist may use the description of "pharmaceutical chemist" or "pharmacist." The amendment was agreed to.

Clause 18 (1)

Lord PHILLIMORE moved to insert before paragraph (a) the following new paragraph: "(a) [it shall not be lawful] for any person to keep open shop for the dispensing of prescribed medicines unless that person is an authorised seller of poisons." His lordship, in moving the amendment, dealt with the four objections raised by Lord Ponsonby on a similar amendment when moved in Committee. His lordship said that as redrafted the amendment overcame Lord Ponsonby's objection that it would interfere with the possibility of persons holding the apothecaries' assistants' certificate and ex-Army compounders dispensing in chemists' shops.

Lord PONSONBY replied that the effect of the proposed amendment would be to prevent any person except a registered pharmacist supplying a medicine on a doctor's prescription. The Government had consulted very closely with the medical profession on this point, and

had their whole-hearted support for the attitude they were taking up. This amendment was asking for the pharmaceutical chemist an absolute monopoly and control of prices. It was obvious that if such a very drastic proposal was to be included in an Act of Parliament there should be a very widespread inquiry into the whole case before legislative action was taken. The amendment was negatived.

In the course of the debate, Lord PONSONBY remarked that the third reading of the Bill would probably have to be taken "in the course of a very few days."

The Report Stage

By an Eye-Witness

PALPITATING with humility, I once again ventured within the sacred precincts of my noble lords' abode of peace—or is it love? Let us say it is an abode of peace until it becomes necessary to offer an innocent lamb as a burnt offering to our ancient Constitution. I was not aware that so many noble lords took an interest in our affairs. Last time we had five on one side and thirty on the other; this time we had seven and thirty-five respectively. It is wonderfully interesting how these things work out. I am no mathematician, but it seems to me there is a soothing symmetry in this abode of peace; you put in much and get out little. The peaceful stillness was first broken by my noble Lord the Government adorning himself in sack-cloth and ashes because some people who were not nice read something into something, but that something was not what it was. I hope I've made that clear. The solemn stillness that followed drew a sympathetic tear to my bright blue eye, and the sigh was somewhere in the offing; but while I was musing dreamily in the stillness thus, a surprise was sprung upon me. My Lord the Government was no longer mono- but duohedra: I had never thought of that, and when my noble Lords the Opposition sought to dump some poisonous stuff of recent origin from automatic machines, my duo Lords the Government—the veteran looked like cutting up rough; but when he saw most of my noble lords opposite agreed with him that it is a serious offence to introduce manuscript amendments in the abode of peace, he was all smiles once again and the breeze died down.

From that point onwards the Government became monohedra again, and the current assumed a steady flow of eddies, ripples and obstructions which were easily overcome. I hungered for my noble Medical Lord, but, alas! that abode of peace knew him not. My Lords the Opposition put forward bravely their various attempts to secure something decent, but my noble Medical Lord was the key of the position—and the key was lost. In his absence we heard again the same jokes about "a sort of dispensing in hospitals" and "the monopoly of chemists" if dispensing were handed over to them. My noble Lord the Government may some day have a pain within, and then perhaps he will see the light. He carried on in the same sweet way—blue pencil, accept, red pencil, refuse (or is it the reverse? I'm not sure). Then we had once more the noble Lords the Opposition seeking again to insert fine gradations in a poisons list; some were dangerous, others were fit only for medical instruction, and (heaven help us!) a third to be sold to the general public, for whom we only think in terms of disinfection or to destroy beetles and worms. But all the nice little things which would do me good were again ruthlessly snatched away. The end came quickly when our Poisons Board nearly came of age; it may reach that maturity when it gets to another place. So adieu, my noble lords; you have amused me—and that is something in this weather.

Proprietary Articles Trade Association

Council Meeting

THE quarterly meeting of the Council of the Proprietary Articles Trade Association was held at the Hotel Russell, London, W.C.1, on April 16, the president (Mr. J. Milner) in the chair.

EXECUTIVE COMMITTEE'S REPORT

The report of the Executive Committee dealt with the following among other matters:—

Consumers' Council Bill.—The report referred to uninformated statements regarding rates of profits obtained on proprietary articles sold by the drug trade, made during the debate on the second reading of the Consumers' Council Bill, and the necessity of the further progress of this measure being carefully watched.

Preparations Supplied both Stamped and Unstamped.—The Committee recommended that in cases in which known, admitted and approved remedies are sold unstamped to chemists, and also stamped to non-chemist dealers, the unstamped pack only shall be admitted to the P.A.T.A. Protected List, and then only on such terms as will permit the Association, without hesitation, to remove from the list the unstamped packs, if the interests of chemists and wholesalers are, in the opinion of the Executive Committee, adversely affected by cutting of the stamped pack—for the protection of which the Association can accept no responsibility. The Committee further recommended that while every effort be made to induce manufacturers, if and when they destamp preparations that have hitherto been issued stamped, to adjust their trade prices so as to ensure to both wholesaler and retailer an adequate margin of gross profit, each case be considered as heretofore on its merits, with due regard to the interests of all sections of the trade, and that refusal so to adjust prices shall not necessarily involve the withdrawal of the articles from the list.

Prevalence of Cutting.—Representatives of the Executive of the Retail Pharmacists' Union have discussed with representatives of the P.A.T.A. Executive the present position in regard to the prevalence of price cutting in various centres. The Committee are taking further steps to ensure that manufacturers, wholesalers and retailers shall realise the necessity of exercising the greatest care and vigilance in order to prevent, as far as humanly possible, supplies reaching cutters.

Mr. Tyler's Resignation.—The Committee regret to report that Mr. A. T. Tyler, who for several years has represented Parke, Davis & Co. on the manufacturers' section of the Council, and as a member of the Executive Committee, has resigned owing to his appointment to a post overseas. The Committee desire to place on record their regret at Mr. Tyler's resignation, their appreciation of his services, and their good wishes for his future prosperity and happiness. The manufacturers' section has nominated Mr. J. Godber (Newton, Chambers & Co., Ltd.) to the vacancy.

Wholesalers and Supplies in "Singles" to the Public.—The Committee, having received numerous complaints that certain wholesalers in London and the provinces were supplying members of the public with P.A.T.A. articles at wholesale prices, have taken definite action to check this abuse.

The quarterly report on price maintenance, read by the secretary, showed that 143 new cases of cutting had been dealt with, and the majority settled satisfactorily, and that a large number of sources of supply had been traced and closed. The report was adopted.

Annual Meeting

The annual meeting of members was held at the Hotel Russell, London, W.C.1, on April 16. The president (Mr. J. Milner) was in the chair, and was supported by the vice-presidents and officers.

ANNUAL REPORT

The financial statement appended to the thirty-fifth annual report shows that subscriptions from manufacturers, wholesalers and retailers have increased, the total revenue from this source being £7,935, compared with £7,716 in 1929. The total income was £8,919 (£8,236 in 1929). The principal items of expenditure were: Salaries and annuity, £3,227; investigation of cutting, £2,033; "Anti-Cutting Record" and "Year-Book," £305; councillors' expenses, £870; rent and rates, £399; printing and stationery, £432; legal expenses, £45; Government Committee of Inquiry expenses, £240 [shillings and pence omitted]. The balance of income over expenditure is £393.

In the manufacturers' section there has been a slight decrease in membership, owing doubtless to the fact that certain of the smaller owners of proprietary articles have felt that during the stringent trading conditions they have been experiencing continuance of their subscriptions would not be justified. On the other hand, a number of important manufacturers, realising the desirability of ensuring the price maintenance of their products, have joined the Association. Membership of both wholesale and retail sections has increased, and it is particularly gratifying to the Council to be able to report that the strength of the retail section has been increased by 160 members, and now stands at 9,000. Ten years ago the figure was 6,467. The Retail Pharmacists' Union has, as in previous years, been most helpful in obtaining new members and collecting subscriptions on behalf of the P.A.T.A., and the Council desires to acknowledge, with thanks, the assistance thus rendered. Although the year 1930 was characterised by "bad trade," wide and general outbreaks of price cutting were not encountered. While it cannot be claimed that there has been any marked diminution in the amount of cutting that has had to be dealt with, there is, fortunately, no serious increase to record. In 1929 the number of reported new cases of cutting was 550; in the past year the number increased to 600, and 90 per cent. of these cases were disposed of satisfactorily. Over 6,000 individual purchases were made from cutters by the Association's agents or officers, and from these purchases some 2,000 sources of supply were traced.

The PRESIDENT moved the adoption of the report. He said that, in spite of a very difficult year, the position of the Association was as strong as ever, and its membership such as to give cause for satisfaction. There was still room for those retailers who took P.A.T.A. benefits but gave no support to the organisation which secured them, and he hoped that every non-member chemist in business would join without further delay. With regard to the campaign against cutting, much had been done during the year to suppress the evil. It was significant that in such difficult times the Association had functioned as successfully as it had. Loyalty from all members of three sections could alone make price-maintenance effective. It was felt that much useful work had been done through propaganda meetings. Sympathetic reference was made to the death of Mr. W. H. Saunders, who had been for many years an ardent supporter of the P.A.T.A. and its work.

Mr. F. J. SMITH seconded the adoption of the report, and was supported by Mr. BRKS.

In the discussion which followed, Mr. RUBBRA asked whether adequate attention was being paid to the "cutting" in South-East London.

Mr. TUCKER referred to the supply by wholesalers to firms not in the trade, and hoped that steps would be taken to deal with the matter.

Mr. REED referred to the activities of certain cutters in South-East London.

The PRESIDENT and the SECRETARY dealt with the points raised. The report was adopted unanimously.

A vote of thanks to the secretaries and staff of the P.A.T.A. for their work during the past year, moved by the PRESIDENT, seconded by Mr. CRIPPS, was accorded, and was acknowledged by Mr. CHAPMAN and Mr. KENNINGHAM.

The proceedings terminated with a vote of thanks to the chairman, proposed by Mr. HIGGS and seconded by Mr. S. WATSON.

British Chemical Merchants' Meeting

Eighth Annual Meeting

THE eighth annual luncheon and annual general meeting was held on April 29, Mr. A. F. Butler (chairman of the Association) presiding. The principal guests were Mr. Homer S. Fox and Mr. Roger R. Townsend, of the Commercial Intelligence Department of the American Embassy; Mr. W. J. U. Woolcock; and Mr. Davidson Pratt, the general manager of the Association of British Chemical Manufacturers.

PRESENTATION TO MR. BROMFIELD.

The President of the Association (Mr. Victor Blagden) presented Mr. O. F. C. Bromfield—who is retiring from the position of secretary to take up a position on the editorial staff of *THE CHEMIST AND DRUGGIST*—with an inscribed gold cigarette case and a cheque in recognition of the valuable work which Mr. Bromfield had done for the Association since its commencement. Mr. Blagden pointed out that the position Mr. Bromfield was taking up had not been sought by him; it had been offered to him, and it was of such a nature that he felt he could not refuse it. During his service with the Association Mr. Bromfield had become a familiar figure in all the Government Departments where his duties took him, and was regarded with affection and admiration by everybody with whom he had come in contact. The Council of the Association had accepted Mr. Bromfield's resignation with regret, but it was considerable satisfaction to know that he had been able to accept a position on the Council of the Association, so that his experience would still be at their disposal. Mr. BROMFIELD, expressing his appreciation of the gift and the kind words that had been spoken of him, said he regarded it as a great tribute to the work of the Association that there should have been four such guests at the annual luncheon on this occasion. With both Mr. Woolcock and his successor at the A.B.C.M.—Mr. Pratt—the British Chemical and Dyestuffs Traders' Association had always been able to work in an amicable manner, notwithstanding their interests in some respects were not altogether identical. Nevertheless, he contended that the negotiations that had taken place from time to time between the two organisations had been greatly to the benefit of manufacturers, merchants and users. The two representatives from the American Embassy, also, had been great friends of the chemical merchants in this country. After formally introducing Mr. Page, his successor, Mr. Bromfield said that the position of chemical merchants was likely to be profoundly affected in the future, and he urged them, in their own interests, collectively and individually, to keep the Association going.

Mr. W. J. U. WOOLCOCK, who also paid a striking tribute to the qualities displayed by Mr. Bromfield in the many negotiations in which they had come in contact, said he had been asked by Mr. Ashley, of the Board of Trade, also to pay a tribute to Mr. Bromfield, and to say that the relationships between the Board of Trade and the Association, through the tact, courtesy and fair mindedness of Mr. Bromfield, had always been most friendly. For his own part, said Mr. Woolcock, he could say that never had he met a more generous opponent nor an opponent who had been such a colleague as Mr. Bromfield in the many discussions they had had. He could honestly say that Mr. Bromfield never made a single statement, even in the course of the strongest argument, which over-stepped the mark.

Mr. DAVIDSON PRATT remarked that although there had been a certain amount of co-operation between the two Associations in the past, there could be much more co-operation in the future, with mutual advantage. The A.B.C.M. represented the manufacturers, whilst the British Chemical and Dyestuffs Traders' Association

represented the people who helped to dispose of the goods. Both parties were necessary to make a successful industry, and there were many directions in which their interests were absolutely at one. For example, there was the question with which Mr. Bromfield and himself had been in close touch recently, the work of the Board of Trade Committee on the carriage of dangerous goods at sea, a matter which affected everybody having to do with chemicals, either in the way of buying or selling. Another matter was chemical standardisation. Steps were being taken to enlarge the scope of the British Engineering Standards Association, making it the Standards Association of Great Britain, in which would be included a Chemical Division which would be more or less autonomous and would be on an equal footing with the other divisions relating to engineering, textiles, etc. Standardisation carried out judiciously was of interest to manufacturers, merchants and users, and he hoped that everybody in the British Chemical and Dyestuffs Traders' Association would co-operate with the A.B.C.M. in this matter. It was the object of the manufacturers in this country to try and make here all the chemicals we require, and when that day came he hoped that the title of the merchants' Association would be more descriptive of its function than perhaps it was at present, and that it would then be known as the Association of Traders in British Chemical and Dyestuffs. (Laughter.)

Mr. HOMER S. FOX also briefly referred to the friendly relations that existed between his Department of the American Embassy and the British Chemical and Dyestuffs Traders' Association. At the same time he acknowledged the help which Mr. Woolcock and Mr. Davidson Pratt had constantly extended to him.

The annual general meeting followed the luncheon. The statement of accounts as audited for the year ended December 31, 1930, was received and approved. The chairman then read his report for the year.

The chairman (Mr. A. F. Butler), in the course of his report to the members on the year's work of the Association, said that despite the difficult times they had experienced in the past two years, there had been no material fall in membership, and, he added, that this year there is a slight increase. Their president (Mr. Victor Blagden), whom they are all very glad to see with them to-day, continues to give freely of his time and mature judgment to the welfare of the Association. His work on behalf of chemical and dyestuffs merchants, extending over many years, and in particular his work as the first chairman of the Association, and later as its first president, is well known to all and is highly appreciated. Their vice-president (Mr. Reynolds), after a prolonged period of ill-health, is now much better, and he continues to take a personal interest in the work and welfare of the Association. A similar tribute was paid to Mr. Mason, vice-chairman and honorary treasurer. The chairman, in the course of his speech, dealt with the year's work, Key Industry Duties, Form C. 105, and the Tariff question. The routine side of the Association's activities continues as heretofore. Week in and week out assistance and information is freely rendered to members in regard to the various trade restrictions and many other subjects. Turning to the important matters of principle in which the Association continues active, particularly in voicing the collective opinion of the trade when necessary, matters connected with the Key Industry Duties remained one of their chief activities. In contesting rulings of government departments, in resisting attempts made by other interests to restrict the activities of the merchants, and in demanding and obtaining fair and reasonable treatment for our members, the Association continued, in his opinion, to justify the confidence of the trade.

Trade Report

The prices given in this section are those obtained by Importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

28 Essex Street, W.C.2, April 30

BUSINESS in drugs continues mainly for actual requirements only, and orders are keenly competed for. In a number of instances very low prices are being accepted for goods in stock, the pressure to sell being partly due to the tightness of money. Among the articles which have moved in buyers' favour are Norwegian cod-liver oil, citric acid, Japanese camphor, chamomiles, Chinese soya, senega, agar agar and pimento. Among aromatic seeds old crop fenugreek is still scarce, and English mustard is cheaper; canary seed is much firmer, with little Morocco offered. In the pharmaceutical group of chemicals, the amount of business done has not appreciably improved, and although most items are unchanged several exhibit a weakness owing to keen competition. This applies particularly to bromides, which are easier and somewhat unsteady. Thymol is also weaker to a less extent. Milk sugar is rather dearer. Cream of tartar is a turn better, but citric and tartaric acids continue dull. Among industrial chemicals' slow markets are the rule without any important changes. Motor benzol is higher in accordance with the increased duty on petrol, and solvent naphthas are slightly higher. Among the so-called vegetable oils, linseed, palm, cotton, groundnut and rape are easier. Turpentine is much cheaper owing to friction of interests at the source. The total duty on this product is now 6s. per cwt., which is a considerable item for paint manufacturers and other users.

Higher	Firmer	Easier	Lower
Camphor oil (white essent.) Milk sugar Motor benzol	Canary seed Cream of tartar Shellac	Agar-agar Bromides Cotton oils Ground nut oil Linseed oil Pepper, white Rape oil Thymol	Chamomiles Coconut (desicc.) Cod-liver oil Heliotropin Mustard seed (Eng.) Palm oil Pimento Resorcin Soy (China) Turpentine

Cablegram

BERGEN, April 29.—The catch of cod since the opening of the season now amounts to 31,200,000, against 52,885,000 for the corresponding week of last year, and the yield of steam-refined non-freezing oil is 55,500 hectolitres, against 74,176 hectolitres at the same date last year. The market for finest new Lofoten steam-refined non-freezing oil is easier at about 110s. per barrel c.i.f.

Crude Drugs, etc.

AGAR-AGAR is quiet on the spot with higher prices asked from Japan for forward shipment. On the spot Kobe No. 1 is 3s. 6d., No. 2 3s. 2d., and Yokohama No. 1 3s.

ANTIMONY is quiet and the tendency irregular, with some weakening in c.i.f. terms for shipment from China ranging from £21 10s. to £21 15s. More interest has been shown by Germany in the forward market at the reduced level. Spot parcels of Chinese are quoted £24 10s. to £25 delivered to warehouse. English high-grade refined is £42 to £42 10s., and ordinary brands £35. Chinese crude is quite nominal at about £21 10s., and Chinese oxide on the spot is held for about £30 10s.

CAMPHOR.—Japanese refined is easier on the spot, 2½-lb. slabs offering at 2s. 1d. per lb., flowers at 2s. 2½d., and ¼-oz. tablets at 2s. 7d. per lb.

CANTHARIDES.—Russian is very scarce and new crop do not appear to have been offered this year.

CARDAMOMS continue quiet, with very little business passing. Bold Ceylon-Mysore are 6s. to 6s. 3d., mediums 4s. to 4s. 3d., small mediums 2s. 9d. to 3s., and smalls 2s. 3d. to 2s. 6d. Green Aleppy on spot are unchanged at 1s. 11d., and for shipment at 1s. 8d. c.i.f. Bombay seeds are quoted at 3s. per lb. on the spot. Several consignments of cardamoms have arrived from India and Ceylon, aggregating 152 packages.

CHAMOMILES are in fair demand. Fair Belgian white offer at 130s., average grey medium at 110s.; finest bold white are very scarce at 140s. upwards.

CLOVES.—Zanzibar are quiet and lower at 10½d. per lb. on the spot. To arrive, April-May shipment is quoted at 9½d. per lb. c.i.f. July shipment has been sold at 8d. c.i.f. Madagascar on the spot is 9½d. per lb., with sellers of May shipment at 9d. per lb. c.i.f.

The landings of Zanzibar in London during the week ended April 25 have been 208 and the deliveries 20, leaving a stock of 694, against 861 in 1930 and 2,020 bales in 1929. From January 1 to date, landings of Zanzibar have been 617, against 3,133 in 1930, and the deliveries 936, against 3,270 in 1930. Landings of Madagascar for the week ended April 25 were nil and the deliveries 28, leaving a stock of 1,153, against 2,060 in 1930 and 1,832 bales in 1929. Landings of Madagascar this year to date have been 1,395, against 2,828 in 1930, and the deliveries 1,148, against 782 in 1930.

COCONUT (DESICCATED) remains quiet and prices continue to decline. Fine and medium on spot is offered at 22s. For April-May and May-June shipment 20s. 6d. c.i.f. is now quoted.

COD-LIVER OIL.—The fishing at Lofoten is now finished. The main reason for the prolongation this season is on account of the fact that the Easter holidays were a fortnight earlier than usual. Buyers have continued to hold off on account of the lower prices ruling, and this week there are sellers at about 110s. to 112s. 6d. per barrel c.i.f. for finest new non-congealing steam-refined Lofoten oil.

BERGEN.—The fishing at Lofoten has now finished, and the result for Lofoten alone amounts to 65,100 tons of cod and 33,779 hectol. of cod-liver oil, against 127,200 tons of cod and 54,965 hectol. of oil at the same date last year. The only fishing now going on is at Finnmarken, where the captures are uneven and consist mostly of haddock. For the last week only 190 hectol. of cod-liver oil were produced.

The total result for the whole country amounts up to date:—

1931 ..	31.2 millions cod, with 52,885 hectol. of cod liver oil
1930 ..	55.5 " " " " 74,176 " " "
1929 ..	65.4 " " " " 81,499 " " "

Market is still easy at about 110s. c.i.f. London for finest Lofoten quality.

According to a report from U.S. Trade Commissioner Gudrun Carlson, of Oslo, attempts are being made to improve the taste and quality of Norwegian cod-liver oil. One firm in Norway advertises the oil combined with concentrated fruit juice, giving an orange flavour. Experiments are being made at the State Vitamin Institute to perfect methods of testing and controlling the quality and vitamin content of the oil. The bottling and labelling of cod-liver oil before shipment from Norway is now done to some extent in order (it is said) to preclude any possibility of diluting or misrepresenting the quality of the oil after it has left the country. Norway supplied approximately 67 per cent. of the cod-liver oil imported into the U.S.A. in 1929; total imports into the U.S.A. during 1929 were 2,860,000 gallons (\$2,445,000) and in 1930 the imports were 2,895,000 gallons (\$2,236,000).

Production of Newfoundland cod-liver oil, as the result of the small short catch and the low price paid for livers, was much less during 1930 than in 1929 and fully 50 per cent. below the 1928 figure. The estimated production of 180,000 imperial (216,000 U.S.) gallons in 1930 was valued at \$198,000 (about \$1.10 per gallon); the exports to the United States, including some poultry oil, totalled 203,000 U.S. gallons, against 216,000 gallons in 1929. Production of common cod oil was also lower, and quotations declined from \$140 per tun (307 U.S. gallons) in April to as low as \$90 at the end of the year; exports to the United States totalled 326,000 U.S. gallons, worth \$256,000, including shipments made without consular invoices.

CORN PRODUCTS, ETC.—Guaranteed water-white English glucose (corn syrup) is offered at 18s. 6d. per cwt. for delivery up to the end of June, ex store, London; American guaranteed water-white is also 18s. 6d. net for delivery up to the end of June, ex store, London. Dutch maize starch powder (cornflour) is 11s. per cwt. on the spot and 10s. f.o.b. for shipment. American for delivery up to the end of June is 11s. 3d., ex store, London. Pearl starch for delivery up to the end of June is 10s. 9d. per cwt., ex store, London. Dutch maize starch crystals is 18s. on the spot, and American for delivery up to the end of June is 16s. net per cwt., ex store, London. Dutch dextrin is quoted at 18s. to 22s. per cwt. on the spot, as to quality. American canary for delivery up to the end of June is 16s. 10½d., and white, for delivery to end of June, is 16s. 7½d. per cwt. net, ex store, London. Dutch farina is 9s. 1½d. per

cwt. on the spot, and to arrive 7s. 9d. is quoted f.o.b. Polish is 9s. on the spot and 8s. 3d. per cwt. c.i.f.

GENTIAN.—The price of French quoted last week should have been 30s. per cwt., not 20s.

GINGER.—West African is quoted at 25s. per cwt. on the spot, and to arrive sellers quote 22s. c.i.f.

GUM ACACIA.—The demand continues small and little interest is shown in forward prices, April-May being offered at 36s. 6d. to 37s. per cwt. c.i.f. for new crop cleaned Kordofan sorts and 35s. c.i.f. for natural. Spot is offered at 45s. for cleaned and 43s. for natural.

IPECACUANHA.—Matto Grosso is barely steady at about 7s. 6d. per lb., but probably with a firm order 1d. to 2d. per lb. less would be accepted.

KAMALA.—New crop, containing not over 8 per cent. of ash, is quoted at 2s. 10d. per lb. c.i.f.

MENTHOL is still being offered at low prices on the spot at from 14s. to 14s. 3d. per lb. Prices to come forward are steady without much business. Second-hand sellers quote from 13s. 10d. to 14s. 3d. per lb. c.i.f., and first hands 14s. 6d. to 14s. 9d. c.i.f. This wide range of prices between first- and second-hands has been apparent for several months now, and gives rise to the question as to whether the position is being "engineered" in Japan. Sooner or later it is thought that sellers on this side will be manoeuvred into an awkward corner, as Japan alone can provide menthol, so that the more selling there is from this side, the worse will be the position of the seller, providing, of course, that Japan maintains its prices.

The imports of menthol into the U.S.A. during January 1931 were 26,645 lb., valued at \$77,464, against 31,035 lb., valued at \$105,297, in January 1930. During the six months ended December 1930 the imports were 129,353 lb., valued at \$400,661, against 155,216 lb., valued at \$611,296, for the corresponding six months of 1929.

MERCURY.—Trade demand is disappointing, although available supplies on the spot are not very large. The official quotation of the Combine for small lots is £21 17s. 6d. net per bottle, subject to a rebate for good-sized parcels, according to quantity. Outside competition, however, is keen, this referring to American or Mexican metal, of which fair quantities are offering by merchant interests. The official f.o.b. quotation for shipment is still at £21 15s. net for at least 25 bottles.

OLIVE OIL.—The total exports from Spain during 1930 amounted to 98,187 tons, an increase of 52,313 tons over the quantity exported in 1929. The countries which imported most of this oil were Argentina, 20,041 tons, and North America, 14,533 tons. England imported 2,831 tons from Spain.

OPIMUM.—According to the monthly trade journal of the British Chamber of Commerce of Turkey for April 1 prices in Istanbul steadily declined all through the month owing to the very weak markets abroad. One hundred and thirty-seven cases were sold at Istanbul, the last prices registered being 9½ liras per oke for medium quality and 10½ liras for good druggists. Malatias were sold at 12 liras per oke.

PEPPER is dull. Lampong on the spot is 5½d. per lb., affloat 5½d. To arrive, sales include August-October at 5½d. c.i.f. Tellicherry is 5s. c.i.f. for April-May shipment; Alleppy is 52s. 6d. c.i.f. White Muntok is weak at 8½d. spot. Sales for shipment include August-October at 8½d. to 7½d. to 7½d. c.i.f.

PIMENTO is lower at 3½d. per lb. on the spot, with sellers of May-June shipment at 27s. c.i.f.

PLATINUM.—The official quotation has been adjusted to £5 per oz., but business is arranged between that figure and £4 15s.; the demand this week is less active.

PSYLLIUM SEED.—The United States took an increased quantity of psyllium seed from France in 1930, according to French export statistics, which indicate shipments to the United States of 2,026,600 lb., valued at \$464,500, compared with 987,500 lb., worth \$154,000, in 1929.

RUBBER is without material alteration on the week, and the market has fluctuated only slightly during this period. The volume of business continues small, and considerable difficulty is being experienced in certain quarters, on account of the fact that even to-day deliveries are being made of rubber contracted in the neighbourhood of 1s. 4d. to 1s. 6d. per lb., some time ago, whilst the present spot price stands at 2½d. per lb. At present there seems little prospect of any definite improvement in values. Arrivals last week totalled 1,557 tons, whilst deliveries were 1,359 tons, showing a further increase of 213 tons in the stocks. The London stock now stands at 85,922 tons, against 74,084 tons at the corresponding period last year. The Liverpool

stock now stands at 52,043 tons. Quotations (Wednesday, 5 p.m.): No. 1 standard ribbed smoked sheet, spot and May-June, 2½d.; July-September, 3d.; October-December, 3½d. per lb.

SEEDS.—**ANISE.**—Spanish is 47s. 6d., Bulgarian 32s. 6d., and Russian 32s. per cwt. on the spot. CANARY is very firm, with shippers in Morocco cabling that there is very little to offer from that source. Business has been done in Kenitra description at 19s. per cwt. on the spot. Larache and Casablanca are quoted at 20s. and Turkish (2 per cent.) at 22s.; 21s. c.i.f. would be cabled for Tangier. Letter advices received from Turkey indicate that no stocks of that quality are available. **CORIANDER.**—Sound seed on the spot is selling at 9s. A little weevilly has changed hands at 8s. 6d. on the spot. It is reported that Marseilles has bought about 400 tons of coriander from Morocco during March. The report does not mention if the quantity was sound or unsound. **CUMIN.**—Malta on spot is quiet and unchanged at 57s. 6d. Morocco has been sold in small lots at 53s. on the spot. **FENUGREEK.**—Old crop Morocco is still scarce at 17s. per cwt. on the spot. New crop is offered at from 14s. to 14s. 6d., ex store. Tunisian is quiet at 17s. 6d. on spot. **CARAWAY.**—Dutch on spot is quoted at 23s., with very little business passing. **MUSTARD.**—English is quiet; prices now quoted from 21s. to 29s. per cwt., according to quality.

SENEGA is quiet at from 2s. 3½d. to 2s. 4d. per lb. on the spot.

SENNA PODS.—A good business has been done in Alexandrian pods, chiefly for export to the Continent. Supplies, which were quite plentiful a few months ago, are now limited, and the bulk of the stock is ordinary manufacturing and mixed flimsy quality.

The exports of senna leaves and pods from India to the United States (through the port of Madras, which port accounts for a substantial share of the trade) declined approximately 60 per cent. in quantity and value during 1930. Export figures were: 1930, 867,000 lb., valued at \$45,000; 1929, 2,536,000 lb., valued at \$136,090.

SHELLAC is firmer at 77s. 6d. per cwt. spot for usual standard TN orange. Fine orange is 85s. to 165s., pure button is 87s. 6d., and AC cakey 85s. To arrive, sales of April-May shipment have been made at 63s. 6d. to 66s., and May-June at 65s. to 66s. 6d. c.i.f. Sales for delivery comprise May at 66s. 6d. to 66s. to 70s., August at 68s. to 72s. 6d., and October at 70s. to 73s., closing buyers at 74s.

There has recently developed a more consistent direct export of sticklac and shellac from French Indo-China, which, although not relatively large, is expanding. The establishment of better steamer connections between the United States and Saigon is resulting in a more steady direct shipment of such products to the United States. Total exports of sticklac from French Indo-China amounted to 1,204 metric tons in 1929, against 640 metric tons during 1928. According to preliminary reports trade expansion was retarded during 1930 in view of adverse conditions in the world market.

SOY.—Recent arrivals of Chinese bought on cheap forward contracts have brought spot prices down to 2s. 1d. per gallon for ordinary good quality duty paid ex wharf London.

SQUILL.—Fair white is obtainable at 18s. 6d. per cwt. on the spot.

TUBA ROOT.—A Malayan resident in Batavia, Java, has reported that he has 2,000 acres planted to tuba root. While the roots are ripe enough for shipping, he expects to be in a position to export within a few months.

Essential Oils

BUSINESS is very slow and there are few price changes of importance. Star anise is easier. Japanese dementolised peppermint is steadier. Camphor is dearer.

ANISE (STAR) is easier at 2s. 3d. per lb. for leads on the spot. To arrive, leads are offered at 1s. 10d., tins at 1s. 8d., and drums at 1s. 7½d. c.i.f.

BERGAMOT is quoted at from 7s. 6d. to 7s. 9d. per lb. spot, and at 6s. 10d. to 7s. 6d. per lb. c.i.f.

CAMPHOR.—White essential oil of camphor is 2s. 6d. per cwt. higher, offering in drums at about 90s. per cwt. As one of the hydrocarbon group of oils, it is affected by the increased import duty.

CASSIA, 80 to 85 per cent., is 3s. 1d. per lb. spot and 2s. 7½d. per lb. c.i.f. to arrive.

CINNAMON LEAF is quoted at 2s. 10d. per lb. c.i.f., and on the spot at 3s. 10d. to 4s. per lb.

CITRONELLA.—Ceylon is quoted on the spot at 1s. 7½d. per lb., and to arrive at 1s. 5d. per lb. c.i.f. Java on the spot is 2s. per lb., and for shipment 2s. 0½d. per lb. c.i.f.

EUCALYPTUS, 70 to 75 per cent., is quoted at 1s. to 1s. 1d. per lb. spot, and 80 to 85 per cent. at 1s. 2d. to 1s. 3d.

GINGERGRASS is quoted at 7s. per lb. spot and 6s. 6d. per lb. c.i.f. to arrive.

LEMON.—Machine-made is quoted at from 2s. 6d. to 2s. 9d. per lb. c.i.f., and about 2s. 9d. per lb. spot. Hand-pressed is 3s. per lb. c.i.f., and on the spot 3s. to 3s. 6d. per lb. as to seller.

LEMONGRASS.—On the spot 2s. to 2s. 1d. per lb. is quoted.

ORANGE.—West Indian sweet is about 6s. 9d. per lb. spot, and for shipment 6s. 3d. per lb. c.i.f. Sicilian sweet and/or bitter is quoted at from 6s. 6d. to 7s. 6d. per lb. spot, and to arrive at from 6s. 4d. to 7s. per lb. c.i.f.

PALMAROSA is 8s. per lb. spot and 7s. 6d. per lb. c.i.f. to arrive.

PEPPERMINT.—Japanese dementholised is steadier on the spot, with K/S offering at from 4s. 2d. to 4s. 3d. per lb., and other brands at from 4s. 1d. to 4s. 1½d. The forward positions still maintain a wide margin between first- and second-hand sellers, the quotations being 4s. 8d. to 4s. 9d. per lb. c.i.f. and 4s. 3d. to 4s. 4½d. c.i.f. respectively. American natural is weak at 7s. 6d. to 7s. per lb. c.i.f. as to quantity, and on the spot at from 7s. 3d. to 7s. 9d. as to seller.

The exports of domestic peppermint oil from the U.S.A. during January 1931 amounted to 14,584 lb., valued at \$32,283, against 14,713 lb., valued at \$47,897, in January 1930. During the six months ended December 1930 the exports were 130,856 lb. (\$336,107), against 112,380 lb. (\$398,313) for the corresponding period of 1929.

Reports from the American side state that banks with peppermint oil held as security against loans made to the producers have begun to press for liquidation of the debts. Several samples of such oil have been received in New York recently, and the majority have been found to be of bad colour and odour, probably due to oxidation, as it is stated that much of this oil is a number of years old.

SPERMINT is quoted at from 11s. to 11s. 3d. per lb. c.i.f., and on the spot at from 11s. 6d. per lb.

WORMSEED (CHENOPodium) is steady at 13s. 6d. to 14s. 6d. per lb. spot as to seller.

The following arrivals have taken place from the countries indicated during the period April 15 to April 21, inclusive: Anise (Ch.) 5 pkg., (H.-K.) 50 pkg.; bay (D. Poss.) 4 cs.; bergamot (It.) 10 cs.; bois de rose (Braz.) 3 dm.; cassia (Ch.) 10 cs., (H.-K.) 5 cs.; citronella (Cey.) 11 dm.; clove (Mad.) 4 dm., (Fr.) 5 dm., (Ger.) 6 dm.; eucalyptus (Aust.) 2 dm., (Sp.) 4 dm.; geranium (Fr.) 4 dm.; lemon (It.) 326 cs.; lime (o. B.W.I.) 10 cs.; orange (U.S.) 1 cs., (It.) 6 cs., (Jam.) 5 cs.; origanum (Cyp.) 3 dm.; peppermint (Jap.) 40 cs., (U.S.) 2 cs.; pine (Ger.) 6 dm., 1 cs.; saffras (U.S.) 6 cs.; wormwood (U.S.) 1 cs.; undescribed (Fr.) 1 dm., 11 cs., (It.) 20 cs.

Pharmaceutical Chemicals, etc.

WHILE most products in this section continue on an even keel, one or two items show weakness, due to keen competition. Bromides are affected in this way and are now easier and rather unsteady. Thymol, to a lesser extent, is also weaker. Citric and tartaric acids remain dull, while cream of tartar is a shade better. Milk-sugar is rather dearer, and resorcin is cheaper.

ACETANILIDE remains quiet and unchanged at 1s. 4½d. to 1s. 6d. per lb. for B.P. crystals and powder.

AMIDOPYRIN is offered on spot from 12s. 9½d. for five-cwt. lots up to 13s. 3d. per lb. for small lots.

ASPIRIN continues steady with business about average: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 23 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 1 lb., 3s. 4d. per lb. Export to Colonies and British Possessions, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; and less than one cwt., 2s. 9d. per lb., f.o.b.; export prices to other destinations are unchanged.

BARBITONE is holding at the full quoted rates of 7s. 3d. to 7s. 9d. per lb.

BENZALDEHYDE is of little interest: quoted at about 1s. 10d. per lb., for quantities of f.f.c. in carboys.

BENZOIC ACID (B.P.) has met with a fair business, and the market is steady: quantities, ex works, 1s. 9½d. to 1s. 10d.; spot parcels, 1s. 10½d. to 1s. 10½d. per lb.

BENZONAPHTHOL is seldom inquired for: dealers quote spot at about 2s. 8d. per lb.

BROMIDES.—Apparently due to keen competition between home and imported sources, prices for these salts are rather easier, and the market is somewhat uncertain. Ammonium, 1s. 7½d.; potassium, B.P. granular, 1s. 3½d.;

crystals, 1s. 4d.; sodium, B.P., 1s. 6½d. per lb., for good sized quantities; higher prices for smaller parcels.

CALCIUM LACTATE is unchanged at 1s. 1½d. to 1s. 3d. per lb., as to quantity.

CITRIC ACID (B.P. crystals).—There has been no marked revival of business so far: for any important orders the quoted price of 1s. per lb., less 5 per cent. for foreign, has had to be slightly shaded; smaller lots, of a few cwt., about 1s. 0½d., less 5 per cent. English makers quote 1s. per lb., less 5 per cent.

The stocks of calcium citrate in the hands of the Camera Agrumaria on March 14, 1931, amounted to 9,497,000 kilos, against 7,053,000 kilos on November 30, 1930—an increase of 2,500 tons. We note the arrival in San Francisco of 14 tons of citric acid from Honolulu—a new source.

CREAM OF TARTAR seems just a trifle better with some holders passing bids of 80s. per cwt., less 2½ per cent., but accepting 81s., less the discount, for foreign powder. Business has been the turn better. English makers quote 82s. per cwt. for 99 to 100 per cent. powder, less 2½ per cent.

HELIOTROPIN.—Crystals are offered at the cheaper price of 5s. 6d. per lb.

HEXAMINE continues very steady, and business is satisfactory: quantities at slightly less than 1s. 10d. up to 1s. 11d. per lb. for small parcels.

HYDROQUINONE is receiving a good inquiry, and prices are holding steady under the control at 3s. 7½d. to 4s. 5d. per lb., as to quantity.

METHYL SALICYLATE (B.P.) is meeting with a sustained demand at 1s. 3d. to 1s. 5d. per lb., as to quantity.

METHYL SULPHONAL, although in but small demand, is steady on spot at 12s. 7d. to 13s. 10d. per lb.

MILK SUGAR.—The slight improvement in the market reported last week is maintained: two cwt., 46s.; ten cwt., 45s. 6d.; one ton, 45s. per cwt., in two-cwt. cases.

PARA-FORMALDEHYDE is unchanged on a steady but not active market: 100 per cent. powder, in bulk quantities, from 1s. 5½d. up to 1s. 6½d. per lb. for small parcels.

PARALDEHYDE is quiet at from about 1s. 1d. to 1s. 3d. per lb., as to quantity and packing.

PHENACETIN.—A very fair volume of business continues with prices holding well up to Convention rates: quoted from 3s. 8d. to 3s. 10½d. per lb. for crystals, with powder 1½d. per lb. more.

PHENAZONE.—The tone is healthy, and controlled prices are very steady: crystals, 6s. 11d. to 7s. 3½d. per lb., powder, 1½d. per lb. more.

PHENOLPHTHALEIN.—Business has been none too good, but controlled prices are operating: ten cwt., 5s.; two cwt., 5s. 1d.; less than two cwt., 5s. 2½d. per lb. Export, ten cwt., 4s.; two cwt., 4s. 1½d.; less than two cwt., 4s. 2½d. per lb., f.o.b.

PHENYL ETHYL BARBITURIC ACID is unchanged at the recent advanced rates; contracts over three months, 56 lb., 52s. 3d.; less than 56 lb., 54s. 9d. per lb. Bottles of one kilo and over, free; same prices for sodium.

RESORCIN is easier at from 2s. 9½d. to 2s. 11d. per lb., the lower price for one cwt. lots.

SALICYLIC ACID (B.P.) is steady at home makers' prices of 1s. 5d. up to 2s. per lb. as to quantity.

SALOL is not in much call at present: market is steady at 3s. 7½d. to 3s. 10½d. per lb., as to quantity.

SODIUM BENZOATE (B.P.) shows some activity with the market keen: quantities, ex works, from 1s. 6½d. up to 1s. 7½d. per lb. for small spot lots.

SODIUM SALICYLATE (B.P.) is unchanged at controlled rates: home trade, two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 23 lb., 2s. 2d.; 14 lb., 2s. 3d.; 7 lb., 2s. 4d.; 1 lb., 2s. 5d. per lb. for powder, with crystals 1d. per lb. more. Export prices to all destinations are unchanged.

SULPHONAL continues steady at Convention rates: spot, 10s. 1d. to 11s. 2d. per lb., as to quantity.

TARTARIC ACID (B.P. crystals).—There has been a limited volume of business and any orders of important size have been placed at about 11d. per lb., less 5 per cent. for foreign. Smaller quantities selling up to 11½d., less 5 per cent. English makers quote 1s. per lb., less 5 per cent.

THYMOL is rather easier with synthetic white at about 6s. 1½d. to 6s. 4d. per lb., as to quantity: ex ajowan seed is steady as quoted at 7s. 3d. to 7s. 6d. per lb., as to quantity.

VANILLIN is unchanged and distinctly quiet: ex guaiacol, one ton, 13s. up to 15s. per lb. for small lots; ex clove oil, 14s. 6d. to 16s. 6d. per lb., as to quantity.

Industrial Chemicals, etc.

London, April 29.

ONLY a very moderate volume of business is reported, but prices for most products are maintained on quotation. **ACETIC ACID** is meeting with fair business: 80 per cent. technical, £36 5s.; 80 per cent. pure, £37 5s. per ton, in barrels; glacial, pharmaceutical, 99 to 100 per cent., £58 per ton, in glass demijohns; glacial, in barrels, £47 per ton, carriage paid in U.K. **ACETONE** is showing some activity, with keen competition: B.G.S., £60 to £62 10s. per ton, and less for large quantities. **ARSENIC**.—Cornish white powdered is nominal, with practically no supplies available: Belgian is offered at from £17 5s. per ton c.i.f. and Mexican at £17 10s. c.i.f. Liverpool. **COPPER SULPHATE**.—The export demand has proved quiet, but British makers maintain their terms at about £21 f.o.b. for casks, less 5 per cent. U.K. exports for last month were considerably better at 5,497 tons, against 2,024 tons for February and 7,717 tons for March last year. **FORMALDEHYDE** is moving off fairly well on a very keen market: ton lots of 40 per cent. by volume, about £29 10s. per ton, in casks, ex store; cheaper prices for bulk quantities. **ISOPROPYL ALCOHOL** is steady with the demand about normal in small quantities: first quality, 10s. to 10s. 6d. per gallon, in drums, carriage paid; cheaper prices for lower grades. **POTASH CARBONATE** has shown a little more life, with dealers' quoted prices unchanged: 90 to 92 per cent., £23 2s. 6d.; 96 to 98 per cent., £25 2s. 6d. per ton, in casks, ex store; lower prices for contracts. **POTASH CAUSTIC** is by no means active, while Convention prices are being discounted in some quarters: 88 to 92 per cent. solid, £29 10s. to £34 10s. per ton, in drums, ex store; 30s. per ton less c.i.f. in all cases. **POTASH PERMANGANATE** is steady, but business is slow. commercial quality, in two-cwt. drums, about 4½d. per lb., ex store. **SAL AMMONIAC** has met with a disappointing demand and dealers' prices are easy: dog-tooth crystals, £32; medium, £28; fine white crystals, £17 per ton, in casks, ex store; cheaper prices for contracts. **SODA ACETATE** remains dull and irregular, with spot offers from £17 10s. per ton, in casks, ex store. **SODA HYPOSULPHITE** is unchanged, but at these rates the market is easy; business is fair: dealers quote pea crystals, in one-cwt. kegs, £15 per ton; commercial quality, £9 2s. 6d. per ton, in casks, ex store. Makers' price for pure crystals to home consumers on contract, £15 per ton, carriage paid to buyer's station. **COAL TAR PRODUCTS, ETC.**—The position continues unchanged, while business shows no marked improvement. The demand for cresylic acid continues on a fair scale, and prices are well maintained. The only changes of importance to record are a slight advance in solvent naphthas and the addition of the new petrol tax on the value of benzol; standard motor 90's, country, 1s. 4½d. to 1s. 4½d.; London, about 1s. 5d. per gallon, ex works, in tank wagons.

Fixed Oils, etc.

SOME further fluctuations in values are recorded. Linseed oil is easier and American turpentine is quieter and cheaper. Palm oils are again lower. Groundnut oil is dull and unsteady. Other items are quiet. **ACID OILS**.—This market has fallen back after the recent improvement: coconut and/or palm kernel, 21s. 3d.; groundnut, 19s. 6d.; soya, 16s. spot. **CASTOR** has been slow and unchanged: pharmaceutical, 40s.; first pressings, 36s.; second pressings, 35s.; Madras, 30s. per cwt., in barrels, on the spot, in not less than one-ton lots. **COCONUT**.—Business has been poor but the market is steady: deodorised, spot, 32s.; Ceylon, 23s. 3d. c.i.f. **COTTON**.—Values for all grades are slightly easier on a dull market: deodorised, 29s. 6d.; common edible, 27s. 6d.; soapmaking, 25s.; crude, 23s. 6d. spot. **GROUNDNUT** is dull and easier: deodorised, spot, 31s. 6d.; crude Oriental, 27s. c.i.f. **PALM KERNEL** is quiet and unsteady: deodorised, 30s. 6d.; crude, 24s. spot. **PALM**.—Further heavy reductions in values for all grades are recorded and the market is still very quiet, closing irregular: Lagos, 15s. 6d.; softs, 15s. 3d.; mediums, 16s. 6d.; hards, 17s.; bleached, 18s. 3d. spot. **RAPE** is slightly easier on a slow market: refined, 33s. 6d.; crude, 32s. spot. **SOYA** is dull and irregular on quotation: deodorised, 26s.; crude, 19s. spot. **LINSEED** (raw, naked).—After a week of slow markets prices for all positions are easier, closing unsteady: on spot, 18s. 3d.; May, 16s. 7½d.; May-August, 16s. 10½d.; September-December, 17s. 9d. Boiled oil on spot, 21s. 3d. **TURPENTINE**.—The market has been disturbed, chiefly owing to a sharp collapse in American prices, which was attributed to friction between the co-operative marketing organisation and outside interest. Prices here latterly, inclusive of additional 2s. per cwt. duty, closed at about 43s. for spot, and 43s. 3d. for May-June. Good deliveries are shown for last week, totalling 2,514 barrels,

making a total since January 1 of 30,872 barrels, which compares with 31,379 barrels for the same period last year. Stocks were reduced to 39,503 barrels, which, together with the small quantity afloat, makes the London visible supply 39,703 barrels, as against 16,444 barrels at the same date last year. **RESIN**.—Business was very restricted and prices were irregular and rather in buyers' favour. C.i.f. quotations were as follows: B 9s. 5½d., D 10s. 10½d., F/G 11s. 11½d., W/W 17s. 1d., and W/W 18s. 5½d. French was offering at 11s. 6d. for F/G, 12s. 3d. for W/G, and 12s. 6d. W/W, all c.i.f. to arrive. **WOOD**.—Hankow in barrels on spot is offered at about 37s. 6d. per cwt. **OLIVE** (B.P.) is quoted at 4s. 3d. per gallon, in barrels, and at 4s. 2d. c.i.f.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1931, p. 345.

(From "The Trade Marks Journal," April 1, 1931.)

- "Azo" with label design incorporating floral devices; for medicated inhalants (3). By Cupal, Ltd., King Street Bridge, Blackburn. 519,332
 - "AMNOPHEN"; for medicinal chemicals (3). By E. T. Pearson & Co., Ltd., 35 Gordon Square, London, W.C.1. 520,276.
 - "VAPEX" with label design; for medicated inhalants (3). By Thomas Kerfoot & Co., Ltd., Oldham Road, Bardsley, Lancashire. 520,243. (Associated.)
 - "JOY OF LIFE" in circular design incorporating monogram "J.O.L."; for tonic medicines (3). By H. J. Pernull, 23 St. James's Square, Holland Park, London, W.11. 520,585.
 - "BISURATA"; for medicinal chemicals (3). By Bismag, Ltd., Braydon Road, London, N.16. 520,823. (Associated.)
 - "KAFACETS"; for medicinal chemicals (3). By Foster-McClellan Co., 3 Wells Street, Oxford Street, London, W.1. 520,921.
 - "NESTEN"; for hair dyes (48). By The Nestle-le Mar Co., 10 East 49th Street, New York, U.S.A. 518,622.
 - "DENPOL"; for dental plate cleaner (48). By The Gryff Co., Ltd., Scott Street, Horseley Heath, Great Bridge, Staffordshire. 518,632.
 - "VANESSA"; for perfumery, etc. (48). "NACRALITE"; for synthetic resin containers, lids, etc. (50). By The Dubarry Perfumery Co., Ltd., Hove Park Villas, Hove, Sussex. 519,098/104.
 - "LALKEK" in brush writing; for toilet goods (48). By Adelaide V. Grey, 27 Old Bond Street, London, W.1. 519,619.
 - "SKIMOL"; for a preparation for chapped hands, etc. (48). By Kathleen M. Stalker, 33 High Street, Cowes, Isle of Wight. 520,221.
 - "SNOWDRIFT"; for talcum powder (48). By Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1. 520,634.
 - "CRENDOLA"; for toilet creams (48). By A. Newsome, 53 Queen Street, Morley, Yorkshire. 520,619.
- (From "The Trade Marks Journal," April 8, 1931.)
- "WELSH DRAGON"; for medicinal yeast (3). By Llewellyn & Co., 43 Queen Street, Neath, Glamorganshire. 519,769.
 - "MON-AMI"; for powders (3). By E. Holdsworth's Exors., 1 Preston Street, Middleton, Lancashire. 519,866.
 - "DUT"; for medicinal chemicals (3). By A. Robertson, 52 Moss Street, Paisley. 520,064.
 - "LUSCO"; for preparations for corns (3). By E. K. Luscombe, 15 Petersham Lane, London, S.W.7. 520,661.
 - "FRANGEA"; for medicines (3). By F. H. Gearing, 8 Dorset Road, Lewes, Sussex. 520,730.
 - "PICREX"; for medicinal chemicals (3). By B. S. Shel-drake, 35 Dartmouth Park Avenue, Highgate, London, N.W.5. 520,911.
 - "NUCTA"; for all goods (48). "NUCTONE"; for all goods except hair preparations (48). By Stewart, Goodall & Dunlop, Ltd., 141 West George Street, Glasgow, C.2. 512,833/839. (Associated.)



Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

Lord Ponsonby's Latest Effort

SIR,—Lord Ponsonby appears to be unfortunate or remiss in phrasing his remarks. In the previous case of the Committee stage confused interpretation might easily occur, but the present case is just a little bit too careless. In reply to Lord Bertie he said (*vide* official report, col. 881), on the attempt to add the amendment "dispensing of medicines": "If it is intended, as I gather from what the noble Viscount has said, that the amendment shall cover the *so-called dispensing in hospitals* (italics are mine), the Amendment will not have that effect." Though Lord Bertie's remarks were a bit of a stretch with only slight relation to the truth, there was no need whatever for Lord Ponsonby to use the term "so-called" in the manner he did. He may have meant nothing at all, but at the beginning of this campaign on the Pharmacy and Poisons Bill it is well that members of the Government should not use terms about "dispensing in hospitals" which can conceivably be taken as casting a reflection. As a pharmaceutical chemist "whose professional standing it is intended to maintain and raise by proposed legislation," to use his lordship's own words, I venture to remind him that dispensing of medicines in hospitals takes rank in the highest class and deserves compliments, not words which can be misconstrued; and no one should know this better than Lord Ponsonby and his advisers.—Yours, etc.,

HERBERT SKINNER.

Royal Northern Hospital, London, N.7.

Pharmacy and Poisons Bill

SIR,—My attention has been called to a statement, signed by Mr. Frank E. S. Clarke and Mr. Wilfred Lean, of the National Pharmacists' Opposition Committee, to the effect that chemists' trade in Part II poisons will be open to "at least some 10,000 drug stores." If this is just an expression of opinion on the part of the writers, a statement of this kind is not so important, as its importance can be assessed accordingly, but it becomes more dangerous if given as a statement of fact. As far as I know there is nothing whatever in the Draft Bill or the report that would appear to support such a statement. On the contrary, paragraph 44 on page 18 of the report contains the following sentence:—"Broadly, Part II of the Poisons List will embrace some poisonous preparations used for sanitary, industrial, horticultural or agricultural purposes or as sheep-dips or vermin killers; the rest will, subject to Statutory Rules, go into Part I of the list." Furthermore, in my judgment, such will be the high technical constitution and *personnel* of the Poisons Board that there is every reason to expect that the decisions of the Board will be guided substantially by this recorded opinion of the Departmental Committee. In this connection may I suggest that there exists much confusion in the minds of pharmacists between Part II of the present Poison Schedule and the proposed Part II of the new Poisons List, and that it is such harmful misconceptions that continue to make it difficult to obtain a calm and unprejudiced review of the whole field of the ramifications of the Draft Bill. For my part, speaking with some knowledge of all the circumstances of this somewhat complicated matter, it has always been my firm conviction that this Bill represents under present-day conditions the best obtainable compromise of these many conflicting interests and contains many valuable advantages in the direction of pharmaceutical aspirations of the last twenty-five years.—Yours faithfully,

E. T. NEATHERCOAT.

SIR,—In view of the further consideration now being given by both the Society and the R.P.U. as to the policy to pursue in regard to the Bill, we only desire to draw attention to the following permanent features of the Government's Bill:—

- (1) You can be removed from the Register for any criminal offence, breaches of Pharmacy Act, or any misconduct.
- (2) Prosecution for any such breaches cannot be avoided as at present by payment of penalty, but police court proceedings, with press publicity, will take its place.
- (3) The enforced recording of all "rep. mist." and original prescriptions containing poisons will be open to right of entry of premises and inspection.
- (4) The storage of poisons (other than D.D.A., which still remain under a separate authority) must also be open to authorised inspection.
- (5) Your annual charge on business will be extra to an amount of from £3 to £5.
- (6) Your present exclusive trade in Part Two poisons will be open to at least some 10,000 drug stores.
- (7) The sales of Part Two poisons by chemists must be effected by or under supervision of the pharmacist, which, while affording tempting bait for an over-zealous inspector, creates serious difficulties for the one-man pharmacy.

It is because we feel the Society's amendments are a weak and insufficient set-off against these impositions that we ask all associations and pharmacists to press for a total rejection of the Bill at this particular juncture.—Yours, etc.,

FRANK E. S. CLARK, M.P.S.
WILFRID LEAN, Ph.C., M.P.S.
Joint Secs.

National Pharmacists' Opposition Committee.

SIR,—For sheer bunk commend me to the report, in your issue of April 25, of the meeting of the "British Pharmaceutical Association" and Mr. J. F. McNeal's remarks. If a speaker's equipment is of this quality, then it is the duty of every elector to send him back once more to the obscurity from which he makes his annual excursions into the limelight.—Yours, etc.,

C. SMITH (28/4).

Council Election

SIR,—Whilst the Guild of Public Pharmacists is precluded from taking part officially in pharmaceutical politics, may I remind public pharmacists that the present Council of the Pharmaceutical Society, in addition to its efforts on behalf of other sections of the calling, has in every way forwarded the activities of the Guild in regard to the Poisons and Pharmacy Bill, and extended every facility for the adequate presentation of our case? I wish to ask, therefore, that this may be borne in mind by our members when considering their choice of candidates.—Yours faithfully,

F. G. HOBART,

Hon. Secretary, Guild of Public Pharmacists.
London, N.4.

The Main Issue

SIR,—Mr. Hugo Wolff is not correct in his facts. The president of the Society stated at the delegates' conference in London that broadly the Council were committed to the policy of the Bill. Mr. T. Wilson, of the North British Branch, in seconding the resolution of the Council, stated that any Bill which professed to amend the law relating to pharmacy must secure the dispensing for the men who were trained for it; the limitation of Part II poisons was equally vital. If these two were not accepted the Bill must be opposed. Mr. A. Dick, Glasgow, then asked whether the Council were prepared to pledge themselves that, if the two amendments were to be refused the Council would at once join battle with the Government. The president, in reply to Mr. Dick, said if such an unfortunate event

did happen as the non-acceptance of the two fundamentals, it would be a question of coming to the delegates again. Why could not a straight answer to Mr. Dick be given? Why call another conference, with all the loss of time and money, to do what could have been done there and then if the Council were prepared to oppose the Bill? I submit that Mr. Hugo Wolff will have great difficulty in finding anything definite in the president's statement, which is culled from the actual report of the meeting mentioned. As the amendments have been refused in the House of Lords in no uncertain manner, what is the policy of the Council? Is it definite opposition to the Bill, or is it still to hope for amendments? because the latter policy is tantamount to accepting the Bill at all costs, as opposition after the second reading of the Bill in the House of Commons would be futile. What have delegates to say?

Yours faithfully,

ICH DIEN (24/4).

Irish Pharmacy and Irish Unity

SIR,—Through the medium of the official organ of the Pharmaceutical Society of Ireland, I should like to call attention to a matter affecting the welfare of every pharmacist and assistant in the Saorstát. I am not a politician, but a humble member of the Pharmaceutical Society. In view of the recent negotiations regarding the unification of Ireland, North and South, I should like to know what steps the Council of the Pharmaceutical Society of Ireland have taken, or propose to take, to safeguard the interests of members and licentiates. Although negotiations have been temporarily concluded, is it not within the bounds of possibility that at an early date they may be reopened and a united Ireland be an accomplished fact? In such an event, would the Council accept the qualifications of the hundreds who have got on the Northern Register, under various modified syllabuses, some without any examination, embrace the prodigals, and forthwith proceed to confer on them the L.P.S.I.? Would they flood the Saorstát with men and women who need not have spent an hour at lectures, to the detriment of those who have graduated at the Modern School of Mount Street, and succeeded after years of intensive study and expense in obtaining the L.P.S.I. qualification on a standard second to none? Would they undo the good work accomplished by those idealists who have spared no effort to place Irish pharmacy in the position it occupies to-day? It may come as a surprise to many to learn that some members of the Council are openly in favour of reciprocity, regardless of the consequences. The Council have no mandate to sell the birthright of those by whom they have been appointed. It is time the Council awakened to a sense of duty and responsibility, as an elected representative body—else when election time comes, they may discover they have lost the confidence of the electorate and find themselves in an unenviable position.

I am, etc.,

OBSERVANT MEMBER (28/4).

Apothecaries' Assistants and Army Compounders

SIR,—It ill becomes "Xrayser III," in his "Observations and Reflections" (*C. & D.*, April 18, p. 453), to generalise upon a matter in which his knowledge must of necessity be strictly limited. All apothecaries' assistants, Army compounders and pharmacists, are not first-class; this should be readily conceded. There is nothing in the examples given by Mr. Eric Knott, on p. 432 of *C. & D.* of April 11, that is not given for the examination at the Apothecaries' Hall, London. My colleague, who served as an Army compounder in a large base hospital during the great war, assures me that the dispensing carried out by the staff was equal to that in any chemist's shop. In pre-insurance days the majority of chemists' shops rarely, if ever, had a prescription to dispense. With the advent of National Insurance many thousands of N.H.I. prescriptions have been dispensed for pharmacists by apothecaries' assistants and Army compounders, and the general excellence of the dispensing service proves that they have not been

found wanting. Finally, it may interest "Xrayser III" to know that the examination of both apothecaries' assistants and Army compounders is at least equal to that of the medical practitioner (pharmacy, materia medica, etc.), which entitles the latter to open a chemist's shop if he desires to do so. Having been connected with National Insurance since its inception, and having scrutinised many millions of N.H.I. scripts, I have no hesitation in declaring that the statements made are most unfair.—Yours truly,

AN APOTHECARY'S ASSISTANT FOR TWENTY-FOUR YEARS. (25/4).

Ealing and Æsop

SIR,—Your correspondent, Mr. H. Wolff, has more energy than accuracy. He makes against me the charge of attempting to mislead chemists and druggists. How absurd! I never had a desire to poach upon the preserves of men whose supposed intention is the betterment of pharmacy. It would be well for Mr. H. Wolff to consider this. At the meeting of delegates a member asked what policy would be adopted should the amendments be rejected by the Government. The answer was that in that case the Council would have to come again to the delegates. This, then, is the "alternative policy" so "clearly defined." It will be evident that in the answer given there is no indication of an opposition policy, or, indeed, of any policy at all. So much for Mr. H. Wolff's "facts." Again, the main objection of the R.P.U. was based on fees, a comparatively trivial objection. The truth is that the Council, backed by the R.P.U., were willing to swallow the Bill provided that a few minor alterations were effected. Eventually the opposition became so strong that the Council had to adopt the policy of opposition, which, from the beginning, had been the policy of the B.P.A. Apparently it has become a crime to attempt to change the *personnel* of the Council. This is the crime perpetrated in 1916 by Mr. H. Wolff. The rest of Mr. Wolff's letter is chiefly concerned with conjuring with a name that will be highly honoured for ever in British pharmacy. I must leave him at his elevating task, but I leave him with the sincere wish that he may never be overtaken by the fate of the frog in the celebrated fable of Æsop.—Yours faithfully,

LANCASHIRE (22/4).

Our Lesser Drugs

SIR,—After a perusal of the pharmacognosy paper set at the recent April examination of the Pharmaceutical Society, one cannot help congratulating the examiners on their capacity for keeping abreast of the times in pharmaceutical matters. In these days of proprietary preparations, which owe any virtues they possess to colouring and flavouring agents, and not to active drugs, it is pleasing to know that the appointed examiners have the courage to ignore obsolete things, such as nux vomica, cascara, rhubarb, aloes, senna, ipecacuanha, opium and a score of others which harassed past generations of candidates for our Qualifying examinations. This is as it should be, and one can only hope that this standard will be maintained. If one might suggest a slight improvement at all, it would be that the questions dealing with articles like belladonna root and male fern should be deleted in future. One can appreciate the value of knowing all about nutmegs, cochineal, galls, agar-agar, Irish moss and Iceland moss. One might also excuse the question on chamomile flowers, considering their importance for shampoo powders, while the question on savin tops might also be accepted, if only on the ground that pharmacists have probably forgotten that such things exist; but to introduce questions on drugs that we of the older school used to associate with pharmacy ought to be discouraged. I note that only six of the eight questions were to be tackled; this removes to some extent my complaint.—Yours faithfully,

J. CONROY HENDERSON, Ph.C.,
Lecturer in Pharmaceutics,
Heriot-Watt College, Edinburgh.

Legal Queries

C. H. (28/4).—The ruling of the Board of Customs and Excise, which was issued March 1, 1930, and was published and commented upon editorially in the *C. & D.*; March 8, 1930, p. 300, requires that "known, admitted and approved" remedies when sold unstamped by qualified chemists must bear on the label, and also on the carton or wrapper, if any, a definite and complete statement of the actual ingredients (i.e., the full formula with amounts), together with the words "no proprietary rights are claimed in the preparation of this medicine."

C. G. T. (11/13).—It is possible to have a licence to sell medicated wines transferred from one shop to another adjoining it. In your case the licence is evidently a wine retailer's off-licence which has been granted subject to a condition imposed by the licensing justices that only medicated wines shall be sold under it, and it is open to the justices to refuse to renew the licence at the next annual general licensing meeting should this condition not be observed. What you want is not what is known in law as a transfer of the licence, but a "removal" of it to a fresh set of premises. There are two different kinds of removal, an ordinary and a special removal, and what is wanted here is an "ordinary." An application for the removal has to be made at the annual licensing meeting held in February of each year, or one of its adjournments, and the notice of it has to be given in the same manner as notice of an application for a new licence. That is, it must be inserted in a local newspaper on some day not more than four and not less than two weeks before the hearing of the application, and on such other day or days as the justices may fix, and within twenty-eight days before the application is made the notice must be affixed to the door of the premises and also on the door of the parish church or chapel between 10 a.m. and 5 p.m. on two consecutive Sundays. The applicant must also, not less than twenty-one days before the application is made, give notice of it in writing to one of the overseers of the poor of the parish, to the superintendent of police of the district, and to the clerk to the licensing justices. A copy of the notice must also be served on any registered owner of the premises from which the licence is to be removed. If the justices refuse to grant the removal there is no appeal from their decision; if they grant it, the confirmation of the confirming authority (Quarter Sessions) is still required. The reference asked for is Section 26 of the Licensing (Consolidation) Act, 1910.

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

Warning

The "Kraska" Co., Ltd., 65 Portobello Road, London, W.11, request us to warn the trade against the activities of a man giving himself various surnames and purporting to represent the company, his object being to obtain credit. Messrs. Kraska disclaim any connection with this man.

Sour Salt

We have received the following replies as to what is usually supplied for "sour salt":—

Pulv. acid. tart. It is used extensively to give acidity to vegetable soups from cabbage or beetroot.—*A. R.* (20/4).

In pre-war days, in a district where many Jews lived, sour salt was often called for. Acid. tartaric. was always supplied. It was usually required in crystal form, when acid. tartaric. parv. was given.—*E. J. W. A.* (21/4).

I am not absolutely certain, but I believe the "sour salt" you are inquiring about is acid. citric. I have sold this in crystal form for putting in soups.—*G. H. Dawson*, Southend-on-Sea.

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

H. K. W. (23/38).—PARAFFIN AND MAGNESIA.—A preparation of the kind you require may be made as follows:—Heat light magnesium oxide in a hot-air oven for two hours, and, when cold, triturate with liquid paraffin in the proportion of 60 grains of light magnesium oxide to 1 oz. of liquid paraffin. The amount of magnesium oxide may be increased, but this tends to thicken the resulting cream to such an extent that it can scarcely be poured out of the bottle.

H. B. (9/48).—BOOKS ON DOGS' AILMENTS.—Sewell & Cousin's "Dogs' Medical Dictionary" (Routledge & Sons, Ltd., 8s. 6d.); Lucas's "Some Doggy Remedies" (Simpkin, Marshall, Ltd., 2s. 6d.).

W. J. C. (16/38).—FLY SPRAYS.—Preparations of the type you require may be prepared as follows:—

I		II	
Insect powder	... 8 oz.	Insect powder	... 8 oz.
Paraffin	... 1 gal.	Paraffin	... ½ gal.
Methyl salicylate,		Petrol	... ½ gal.
eucalyptus oil, or		Naphthalene	... 1 oz.
safrol	... 1 oz.		

Macerate the pyrethrum in the paraffin for forty-eight hours, strain and add the other ingredients.

W. D. W. (22/38).—WEEDS ON LAWN.—If the weeds are plantains the most satisfactory method of dealing with them would be to cut the tops off, and put a good pinch of ammonium sulphate on the portion remaining in the ground. This is the chemical you have in mind, and it forms one of the chief ingredients of most lawn sands, for which typical formulas are as follows:—

I		II	
Sodium bisulphate	... 1	Calcium acid phosphate	1
Coarse sand	... 3	Ammonium sulphate	5
		Coarse sand	... 14

The second formula is the better of the two, and would be improved, except for soils already rich in iron, by the addition of a little iron sulphate (say, one part in ten to twenty).

Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," May 14, 1881

Mr. John Mackay

Mr. Mackay... attended to his business in Edinburgh until April 12, on which day his illness became much more severe, and after suffering for a week from acute inflammation of the lungs, he died on the morning of Tuesday, April 19, in his sixty-third year. . . . Mr. Mackay was born at Edinburgh in 1818, and at twelve years of age was apprenticed, to Messrs. Pugh & Plews of that city. He served with them for six years, his hours of business during a part of his apprenticeship being from 7 a.m. to 11 p.m. on week-days, and from 9 a.m. to 10 p.m. on Sundays, the shop being open all day. . . . In 1836 he obtained a situation in the house of John Bell & Co., of 338 Oxford Street, London, where he passed two years. The impressions formed and the acquaintances made during that period were life-enduring. John Bell was still the head of the firm, though he was taking things rather easily, driving from his house at Wandsworth in a pony carriage every day except Thursdays, Saturdays, and Sundays, on which days he stayed at home to attend the meetings of his Quaker Chapel. Jacob Bell was behind the counter, Henry Deane had lately left, John Garle was on the staff, and Thomas Hyde Hills arrived a little subsequently to John Mackay.



[Commenced C. & D., July 5, 1924]

Tithe.—Originally, tithes were payments by the inhabitants of a district for the support of the parish church. Tithes were usually paid in kind, and consisted of one-tenth part of the produce of the land. By statute, tithes have been commuted to an annual payment in money, called a tithe rent-charge, payable by the landowner to the tithe-owner. The rate at which the tithe rent-charge is paid is adjusted annually according to the price of corn. Provision has also been made for the redemption of tithes.

Title and Title Deeds.—The evidence whereby ownership of land is established is called the title, and the deeds by which the transfer of the land from one person to another has been effected are called the title deeds. In the absence of any stipulation to the contrary in the contract of sale, a purchaser of land is entitled to call for a title going back for thirty years. The vendor supplies, in the first place, an "abstract of title," which is a *précis* of the conveyances and other deeds which establish the title. The purchaser compares the abstract with the original deeds, and these are handed over to the purchaser when the sale is completed. An official register of title to land is kept at the Land Registry, London; but registration is compulsory only in the county of London. Compulsory registration of a different kind is also in force in Middlesex and Yorkshire. It is a felony, for fraudulent purposes, to destroy, cancel, or obliterate documents of title to land.

Tokens.—Prior to the early part of last century, it was a common practice for large employers of labour to issue to their workpeople metal discs or tokens, bearing the name of the employer, who pledged himself to redeem the tokens in silver, on demand, for the amount stated on the face of the tokens. The origin of this practice was the scarcity of coins of small value; but the use of tokens is now illegal.

Tort.—A tort has been defined in an Act of Parliament as "an injury or wrong independent of contract." Examples of torts for which an action for damages can be brought are assault, defamation of character, negligence and trespass.

Transvaal Pharmaceutical Society.—This society was formed in 1894, and now has a membership of 155. Its first president was the late Mr. Victor Brown. Its objects are:—To support and protect the interests of chemists and druggists generally; to advance the study and practice of pharmacy, and all branches of science allied thereto; to encourage the education and training of apprentices; to promote social intercourse amongst members; to do all things as are incidental or conducive to the attainment of the above objects, or any of them. The present secretary is Mr. S. D. Smith, P.O. Box 3381, Johannesburg, who was president in 1928 and 1929.

Treacle.—The uncrystallisable residue from the refining of sugar. Occurs as a brown-coloured, sweet, thick, fermentable syrup free from empyreumatic odour or flavour. A lighter colour may be obtained by passing the product over bone charcoal. Treacle is used pharmaceutically in the preparation of chlorodyne, and occasionally as a pill-excipient. (See Sugar.)

Tree Banding.—Chemists in fruit growing districts should be acquainted with the peculiarity in the life cycle of the winter moth, which gave the clue to the method of control known as "grease-banding." The moth hatches out from its cocoon in the soil during

October, November and December. The females have only rudimentary wings, useless for flight. After impregnation the female moth crawls up the tree to the twiggy area, so as to lay her eggs just where many months later the tender green shoots, opening in response to the warmth of spring, will provide nourishment for the minute caterpillars hatched out by the same influence. Fruit-growers can take advantage of the physical infirmity which compels the female moth to reach her goal by crawling up the stem, and bar her path effectively by surrounding the tree stem with a permanently sticky "grease band." The bands must retain their tackiness throughout the period when the winter moth is on the move. A six-inch wide strip of grease-proof paper is tied round the stem with bass or twine. Rough bark must be smooth so that no fissures allow the moth to creep underneath. The banding material is usually applied with the palm of the hand while walking round the tree. A brush or flat piece of wood is preferred by some. While a first-class banding material will retain its tackiness for a year or more, the bands must be inspected, and, where dead leaves, dust or the bodies of moths have choked them, a fresh surface must be exposed by scraping. The bands also trap leafhoppers, aphides, earwigs and ants.

Trèfle.—Perfumes bearing the name "trèfle" are almost invariably composed of a large proportion of amyl salicylate. Isobutyl salicylate is also used, and numerous artificial and natural perfumes are also embodied to give the perfume the desired note. In fact no perfumes sold under the name "trèfle" are the product of any species of *Trifolium*. The common red meadow clover, *Trifolium pratense*, is mainly cultivated for pasturage. The best known of the odorous species is *Trifolium incarnatum*, the carnation or scarlet clover. Its flowers have been distilled by Rogerson, who obtained 0.029 per cent. of a pale yellow oil, having the following characters:—Specific gravity, 0.9597 at 20°; optical rotation, $-1^{\circ} 48'$; boiling point, 120° to 180° at 15 mm. Power and Salway obtained 0.028 per cent., calculated on dry flowers, with the following characters:—Specific gravity, 20°, 0.9476; optical rotation, $+4^{\circ} 10'$.

Trichloroacetic Acid, CCl_3COOH , COOH =163.4, forms colourless rhombic crystals, s.g. 1.630 at 60°, m.p. 57° C., b.p. 195° C., soluble in water, alcohol, ether. It is used as a reagent, and for removing corns and warts.

Tricresyl Phosphate is a colourless, liquid ester used as a plasticiser, s.g., 1.185, boiling range 430°-440° C., and is soluble in amyl acetate, acetone, benzene.

Tricycle Delivery.—Three-wheeled parcel carriers are used extensively by retailers to-day, and for the chemist with a big prescription and delivery round, a pedal- or motor-propelled carrier tricycle is a valuable item of equipment. For the average retail chemist a pedal tricycle with a coach-built body 34 in. long by 24 in. deep by 23 in. wide, with opening door in front and, if desired, a rail round the top, would be suitable. These are supplied in any finish with the owner's name and other desired matter painted on the side. The inside of the box body can be fitted with shelves or racks. Motor tricycles with vans in front or at the side have become more popular for retailers' deliveries with the increase in the traffic difficulties. Some firms supply these motor-cycle vans on a hire-maintenance system, and for an inclusive charge per week the chemist can have the use of both machine and driver. They are built to the hirer's requirements, and painted to his instructions. Pedal tricycle carriers can also be obtained on practically the same basis.

Trimethylene glycol is a diatomic alcohol, $\text{CH}_2\text{OH}\cdot\text{CH}_2\cdot\text{CH}_2\cdot\text{OH}$, a colourless, viscid liquid, s.g. 1.053, b.p. 214°, soluble in water, alcohol and ether.

Trinidad and Tobago Pharmaceutical Society.—This Society of chemists in the West Indies was instituted about thirty years ago. According to a recent report the officers are as follows:—President, Mr. F. E. Grant; vice-presidents, Messrs. J. F. Nelson and H. Joseph; secretary, Mr. Percy Philip; treasurer, Mr. R. McCarthy.

Trinitro-cellulose.—See Pyroxylin.



The C.&D. Commercial Compendium



Trinitrotoluene, $C_7H_5O_6N_3=227.1$, known also as trotyl, tolit, trilit, trinol, T.N.T., is a high explosive, occurring in pale yellow, monoclinic leaflets, s.g. 1.654, m.p. 82° C. Its constitution is 1-methyl-2,4,6-trinitrobenzene, $C_6H_2Me(NO_2)_3$.

Trinitrotoluol.—See Trinitrotoluene.

Trional is a hypnotic. It forms a colourless crystalline powder, m.p. 76° C., very slightly soluble in water, and is sulphonethylene methane, $EtC(SO_2Et)_2Me$.

Triticum.—See Couch Grass.

Trituration.—Process of thoroughly mixing a potent drug with a suitable basis (usually milk sugar); the object is to facilitate weighing. For general dispensing purposes triturations of arsenic, strychnine, sodium arsenate, mercuric chloride, etc., are useful. The method of mixing is as follows:—Lightly triturate one part of the medicament with an equal weight of coarse sugar of milk until thoroughly mixed, then with firmer pressure until an impalpable powder is produced; next add gradually eight parts of fine milk sugar, and continue trituration until uniform, occasionally detaching all powder adhering to the mortar and pestle. Use a glass or highly glazed porcelain mortar and pestle, or one made of agate, if possible, for this purpose. Transfer to a bottle, and label distinctly with the name of the medicament on one line, and below it the word "Trituration," and the appropriate strength. Tablet triturates were introduced by Dr. R. M. Fuller, New York, in 1878, and are made in special moulds; a description of the process is given in "Pharmaceutical Formulas," p. 603.

Troche.—A variant of the earlier form "trochisk," derived from the Latin "trochiscus," which in its turn corresponds to the Greek "τροχίσκος," a small wheel or other circular object, including a lozenge. According to the O. E. D., lozenges were originally diamond-shaped, being thus distinguishable from troches. The Dictionary gives a reference (*circa* 1400) to "trocis de turbit" (i.e., turpeth, *Ipomoea Turpethum*). Gerard, in his Herbal (1597), mentions "trochies, or little flat cakes," and G. Harvey (1665) writes of burning some kind of troches in a warming pan. No reference to a sweetening ingredient occurs in the earlier O. E. D. quotations, the first mention of sugar being by A. T. Thomson in 1811. The trochischi albi of Rhazes were dissolved in rose water for making a collyrium.

Trochiscus.—See Troche.

Tropacocaine is an alkaloid obtained from coca leaves, and forms colourless glistening crystals, m.p. 49° C., slightly soluble in water, and soluble in alcohol or ether, $C_{15}H_{16}O_2N=245.17$, and is benzoyl pseudotropine, $C_{15}H_{16}N.CH_2.CH.O.CO.Ph$.

Trotter Oil.—See Neatsfoot Oil.

Trucks.—For the factory, the warehouse, the store-room, and the large shop there are numerous varieties of trucks now obtainable, which enable materials and merchandise to be transported quickly from one section or department to another. One popular modern type is a lifting truck used in conjunction with a portable platform supported on two skids or battens. Goods ready for removal are piled on these platforms, and the truck has a long foot iron which is inserted beneath the platform, and thus rehanging is eliminated, the load simply drops over into the truck, and for unloading it is merely placed in an upright condition and the truck withdrawn. Ball-bearing castors take all weight from the hands and enable the loaded truck to be swivelled in any direction. In many warehouses where these trucks are employed it has become a standard practice to store as much stock as possible on these platforms ready for immediate removal without any waste of manpower. With another type of truck for portable platforms the load is transferred to the truck merely by pushing the truck under the platform, and pulling the

handle downward and forward to lift the load clear of the ground. By depressing a foot pedal the load is automatically lowered. Several ranges of trucks are made specially for the conveyance of casks and barrels. One improved type enables heavy barrels or casks to be loaded without tilting, merely by automatically raising the truck off its wheels and placing the load grip in position, when the truck is ready to pull into its conveying position. The load is firmly held at four points. Another special truck is produced for the conveyance of compressed air bottles. This has two leather straps for securing the bottles to the truck. Ordinary warehouse trucks vary in length from 42 to 56 in., to carry from 200 to 700 lb. weight.

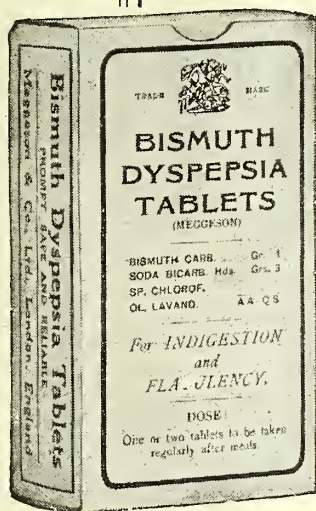
Trustee, Public.—See Public Trustee.

Trypaflavine is a yellow dye, darkening on exposure, and is used as a bactericide in 0.1 per cent. solution. It is diamino methyl acridinium chloride.

Tung Oil (Wood Oil)—Tung oil is an oil derived from the seeds of several species of *Aleurites*. It is known in Cantonese as Muk Yu or Tung Yu. Generally speaking, it may be taken that Hankow wood oil is obtained from *A. Fordii*, Canton wood oil from *A. Montana*, and Japanese from *A. Cordata*. Wood oil is often received in Hong Kong which is derived from mixed species, which accounts for the difference in analytical values recorded. The oil is obtained by partially roasting the seeds over a fire, crushing and making them into cakes, and then pressing in wooden presses. The oil is used in China for making varnish, caulking the planks in boats, waterproofing, and as a medicine. In Europe its chief employment is in varnish making, as it is a typical drying oil. It consists essentially of 75 per cent. of the glyceride of eleomargaric acid, and 25 per cent. of the glyceride of oleic acid. It forms a solid mass, slowly when exposed to air and light, and rapidly when exposed to a temperature of 250°. The opaque nature of the film which it yields on drying for some time prevented its extended use for varnish making, but by mixing it with linseed oil and treating with certain metallic oxides a hard, transparent film is obtained. The following may be taken as the usual limit characters of the oil:—

	Variations	Average
Specific gravity	0.9405–0.9425	0.941
Refractive index at 20° ..	1.5185–1.5210	1.5203
Acid value	2–4	—
Saponification value	190–194	192
Iodine value (Wijs)	165–172	168
Unsapnifiable matter	0.4 to 1.3%	0.6%

As the value of wood oil depends almost entirely on the amount of polymerisable matter present, numerous tests have been devised for the determination of this value. Amongst these are Brown's heat test, depending upon the time the oil takes to solidify under given conditions; Worstall's heat test, which depends on a similar principle, and Bolton and William's test, which is more scientific. This depends on completely polymerising the oil under given conditions, the time being noted, and then extracting a weighed quantity of the polymerised mass with petroleum ether, when from 25 to 30 per cent. of unpolymerised oil is obtained. Some difference of opinion exists amongst chemists as to the limit figures for this test, but there appears to be little doubt that any figure much above 30 per cent. is indicative of adulteration. According to the Association of Exporters and Dealers in South China Wood Oil, the oil should have the following characters: Specific gravity not less than 0.940 at 15°; refractive index not less than 1.5204 at 15°; the oil should satisfy either Worstall's, Brown's, Bacon's or Chapman's heat test.

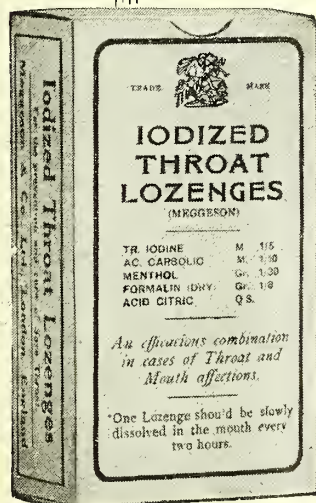


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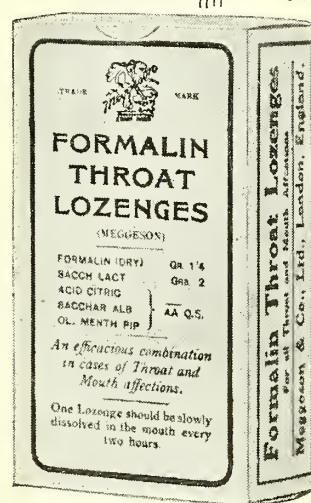
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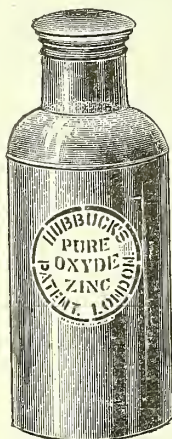
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Deodorat.*

AN EXTREMELY PALATABLE
CALMATIVE & NERVE SEDATIVE

8 OZ.
BOTTLES 3/6

*Prepared and
extensively advertised by*

ROBERTS & CO.

Pharmaciens,

76, NEW BOND ST.,
LONDON, W. 1,

and at PARIS.



It will pay you to stock them!

When the public demand goods bearing a specified name the wide-awake retailer prepares to meet that demand and so reap the benefits which follow.

IGLODINE has become a household word, and the public, through satisfaction which comes after trial, are demanding IGLODINE PREPARATIONS. Are you the retailer who is preparing to meet the demand?

Iglodine.

The Safe and Sure Antiseptic

Write to-day for full particulars to:

THE IGLODINE CO., LTD. - Newcastle-on-Tyne.

"Multum in Parvo."

"VAPOFORM" Disinfectant

Regd.

For disinfection of
Rooms,
Confined Spaces, &c.

for HOME
and HOSPITAL

Has no injurious effects
whatever on Furniture,
Utensils, &c.

Small size, capable of disinfecting
1000 to 2000 cubic ft., 8/6 per doz.

Large size, capable of disinfecting
3000 to 6000 cubic ft., 13/- per doz.

Sole Proprietors—

HARKNESS, BEAUMONT & CO., LTD.

Wholesale Chemists, EDINBURGH.

Robert Ferber Ltd. Capsule Makers

Tonic Capsules

No. 301a. Packed in decorated tins. 7/- per doz. tins.
Containing Hæmoglobin, Citrate of Iron and Ammonia,
Cascara, Nux Vomica and Arsenic.

Kidney & Bladder Capsules

Ol. Copaiba. Ol. Santal. Meth. Salicylate, Hexamethylene.
Dose—1 or 2, three times a day.

Wrapped in blue wrapper, priced 2/3, or red wrapper,
priced 3/6.

15/- per doz. tins

Chilblain Capsules

Calcium Lactate 5 grains.

In boxes of 24.

7/3 per doz.

Headache Capsules

Phenacetin 4 grains.

Caffein Cit. 1 grain.

In boxes of 24.

8/- per doz.

Influenza Capsules

Guaiacol 1 min.

Quinine Sulph. 1 gr.

Cinnamon Oil B.P. 1/2 min.

In boxes of 18.

9/- per doz.

Sea Sickness Capsules

Chloretone 5 grs.

In boxes of 12.

8/6 per doz.

Amyl Nitrite Capsules

Amyl Nitrite 3 min. or 5 min.

In boxes of 12.

12/6 per doz.

Ferber Capsule No. 146

Containing Bland's equal to 2 pills. Arsenical Solution
2 minims. Strychnine 1/50th grain.

Packed 100 in decorated tin. 21/- per doz. tins

On P.A.T.A. Minimum Retail 3/6 per tin.

Ferber Capsule No. 600

Containing Bland's equal to 2 pills. Arsenical Solution
2 minims. Ext. Nucis Vom. 1/4 grain.

Phenolphthalein 1/4 grain.

Packed 100 in decorated tins. 31/- per doz. tins

On P.A.T.A. Minimum Retail 5/- per tin.

Special Capsules for Ladies

No. 109. Packed in decorated tins, in attractive
show outers

Apiol, Aloes and Iron. 9/- per doz. tins

Glandular Capsules

Cerebrin, Myelin, Orchitic and Prostate Substances.

In tins, each 24 Capsules. 24/- per doz.

Carlton Works, Asylum Road
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CORNER'S OILS

The GREAT remedy for
Accidents and Animal Ailments.

Protected Retail Price - - 2/9 per bottle.

Wholesale - - - 24/- per doz.

P.A.T.A. Nett 1 month.

Carriage Paid on 3 dozen lots.

EVANS, GADD & CO., LTD., having the
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Agents on liberal Terms.

For Window Show Terms, apply to

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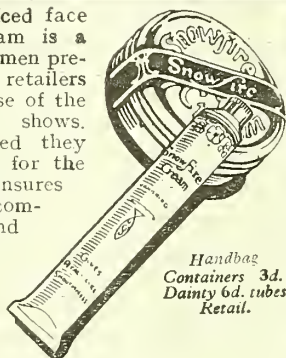
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**BLONDES *and*
BRUNETTES
PREFER**

**Snowfire
CREAM**

Of all the popular priced face
creams, Snowfire Cream is a
real "Best Seller." Women pre-
fer this fragrant cream; retailers
like to handle it because of the
satisfactory profits it shows.
Once sales are started they
develop automatically, for the
merit of the product ensures
repeat orders and recom-
mendations. Stock and
display Snowfire Cream.

Manufactured by
F. W. Hampshire & Co.
(1927), Ltd.
Sunnydale Works, Derby.



Handbag
Containers 3d.
Dainty 6d. tubes.
Retail.

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3 new products
that should interest you

—GOMENOL SYRUP . . .
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Gomenol—a powerful antiseptic well known
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—the ideal
antiseptic

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GERMOLENE ASEPTIC SKIN DRESSING

BEECHAM'S PILLS

BEECHAM'S POWDERS

DR. CASSELL'S TABLETS

GERMOLENE TOILET SOAP

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**SEE THAT YOUR STOCKS ARE ALWAYS
BIG ENOUGH TO MEET EVERY DEMAND**

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**WOUNDS, BURNS,
SKIN AILMENTS**
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CHEMISTS' EXHIBITION**

Staniform Ointment, Lotion and Dusting Powder
— On P.A.T.A. Terms —

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**TOWLE'S
PENNYROYAL & STEEL PILLS**

Advertised all over the world.
ESTABLISHED 100 YEARS.

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PROMPT SHIPMENT
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WHICH HELP SALES.

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FRENCH, MORSTADT,
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2/6 per 1,000

ALL SIZES
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Special quotations for quantities and for printing.

Write for Samples to:

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PHOSPHATE OF SODA, Pure

For Food Purposes

ASK FOR SAMPLE AND PRICES

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Telephone: Giffnock 414 (2 lines).

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BISMOGENOL
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EXTENSIVELY ADVERTISED TO THE MEDICAL PROFESSION

Importers: **BOXALL SMITH & CO.**
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BUY 'ASPRO' ON BONUS TERMS AND OBTAIN 17% MORE PROFIT

Just have a look through your purchases of 'Aspro' and you will find that you are in a position to buy on Bonus terms. By doing so you can make an additional profit averaging 17%. So why not place your next order through your wholesaler on Bonus terms? The only conditions made are that the Chemist who buys on these terms undertakes to show 'ASPRO' Advertising matter in his shop window for 14 days, and sell at advertised prices. Acceptance of Bonus is considered acceptance of these conditions. As 'ASPRO' is so extensively advertised the display will bring customers to the chemist's counter just as though his own name was at the foot of the advertisements. Many of these customers will make other purchases as well.

WINDOW STICKER SERVICE

WHAT THE BONUS IS

BONUS ON 10's (unstamped)

One gross order—Bonus, 1 dozen packets.
Half gross order—Bonus, $\frac{1}{2}$ dozen packets.
Half gross 10's is minimum order accepted for Bonus purposes.

BONUS ON 27's (unstamped)

One gross order—Bonus, 2 dozen packets.
Half gross order—Bonus, 1 dozen packets.
Quarter gross order—Bonus, $\frac{1}{2}$ dozen packets.
Quarter gross is minimum quantity.
No Bonus on 5's or 60's.

For Bonuses it is not necessary to buy both sizes at the same time, i.e. single lots of 6 dozen 10's or 3 dozen 27's will qualify the Chemist.

HERE IS AN 'ASPRO' WINDOW DISPLAY



Write us to-day. We will send this attractive display post free by return mail.

Similarly attractive display features are issued at frequent intervals.

BIG ADVERTISING PUSH FOR THE SPRING

The Spring will be a time of prodigious advertising activity for 'ASPRO.' Seaside towns and Holiday centres will receive special attention with newsboard displays and other sales promoting publicity. Extensive advertising in the national and local press will carry the 'ASPRO' message into every town and village, emphasising the value of 'ASPRO' for the common Spring ailments, holiday and sun-glare headaches, irritability, chills, etc. Make sure of your share of the sales which will be produced by prominently featuring 'ASPRO' display material.

Ordinary PRICES for UNSTAMPED 'ASPRO' are as follows:

3d. size, containing 5 tablets, 2/3 dozen. Less 2 $\frac{1}{2}$ % 30 days.
6d. size, containing 10 tablets, 4/6 dozen. NOTE.—The 1/3 size contains
1/3 size, containing 27 tablets, 11/6 dozen. Two extra tablets.
2/6 size, containing 60 tablets, 21/- dozen. 2/6 size contains Ten extra tablets.

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

AGENTS:
GOLLIN & CO., PTY., Ltd. ('Aspro' Dept.), SLOUGH, Bucks. 'Phone: Slough 608.
Made by ASPRO Ltd., Slough, England.

No proprietary right is claimed in the method of manufacture or the formula.



A sticker on your window will bring a steady stream of customers to your counter. The above illustrations represent only a few of the many striking stickers available for chemists' use.



NEWBERYS' CATALOGUE 1931

TURN UP PAGE 175
DRUGGISTS'
SUNDRIES SECTION
IT SHOWS THE WAY TO
PROFITABLE SALES

"NEWBERYS"
(F. NEWBERY & SONS LTD)
CHARTERHOUSE SQUARE

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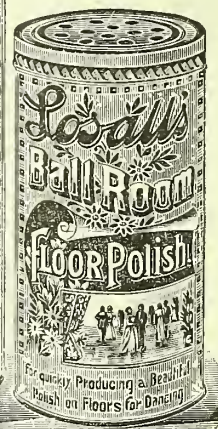
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LIVERPOOL
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EASILY THE FIRST FAVOURITE WITH DANCERS



1/3 tins 10/- doz.
3/- „ 24/- „
The large size contains 3
times the amount of the
small.
Also supplied in Bags, eco-
nomical for large "Dance"
Floors.
7-lb. Bags 4/- each.
Retail @ 6/-
14-lb. Bags 8/- each
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Retail @ 22/6
P.A.T.A.



LOFTHOUSE & SALTMER, Ltd. HULL

OLIVE OIL

in barrels or tins. We can quote to
best advantage. Enquiries solicited.

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Genuine Pure Provence
and B.P. Grades—

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ESTAB. 1842

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TABLE WATERS - - in Syphons & Bottles
LEMONADE POWDER { in Packets, Cartons,
and Canisters.
AQUAPERIA WATER } WINDOW
or SALTS (P.A.T.A.) } DISPLAYS.
LEMON SQUASH - - in 26oz. Bottles
(with plain or Soda water forms a delicious drink).

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SHOULD STOCK

ABDINE

THE GOLD MEDAL HEALTH DRINK

Quick Seller. Big Profits. Over 50 years' Reputation.
"Abdine" is the most popular Health Drink. Perfectly safe for all ages.
Made from choicest fruits, it does not contain Epsom or Glauber Salts. Year
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DUNCAN McGLASHAN LTD., ABDINE WORKS, WESTFIELD RD., EDINBURGH

DRIED MILK

Large buyers of Full Cream, Half Cream, Separated, Milk
Sugar, Whey Powder, Soluble Milk Casein, are invited to
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Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.



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is the Better Milk for Babies

Doctors, Nurses and other Health Authorities say "Put Baby on Lactogen" because:—

- 1** Lactogen is a modified dried milk for infant feeding made by Nestlé's the famous milk people. Lactogen is not new or untried. It was first introduced in Australia and has for many years enjoyed a large sale in many overseas countries.
- 2** Lactogen is pure fresh full-cream cow's milk with extra cream and natural milk sugar added, subjected to a special emulsifying process, then dried by another Lactogen process and so made in all important respects exactly like Mother's milk.
- 3** The milk for Lactogen comes from selected herds that graze on sweet English meadowlands. Close inspection, rigorous tests, ensure absolute purity and unvarying quality.
- 4** Lactogen supplies the nutriment Baby needs in exactly the right proportions. By the addition of the natural milk sugar Lactogen supplies almost identically the same amount of carbohydrates, or energy food, as that supplied by breast milk.
- 5** Lactogen is very easily digested by even the most delicate baby, because the fat globules are very small just as in breast milk. As extra cream is added, Lactogen supplies fat in the same proportion as that supplied by breast milk.
- 6** The curd formed by Lactogen is very easily digested because it is fine and flaky, just like the curd of breast milk. Lactogen, thus, supplies abundant protein in this easily digested form.
- 7** Lactogen process preserves the precious vitamins of the pure full-cream milk so that Baby gets just as much of these essential food elements as breast milk supplies.
- 8** Lactogen supplies the mineral salts Baby needs to make strong bone, good blood, firm muscles and steady nerves. The special drying process preserves the mineral salts of the liquid, milk unchanged.
- 9** Lactogen is hygienically packed. It is sealed within the air-tight container in a way which prevents contamination. The Aluminium Measure packed in each tin ensures accurate feeds.

Stock Lactogen — and make your shop known as Lactogen headquarters. Send to-day for full particulars to Lactogen Bureau

*(Dept. AZ19),
Nestle and Anglo-Swiss
Condensed Milk Co.,
6 & 8, Eastcheap, E.C.3.*

“**LACTOGEN**”
REGD. TRADE MARK
BETTER MILK FOR BABIES
2/9 per tin P.A.T.A.

W. B. DICK

**26
GROSVENOR
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PARAFFINUM LIQUIDUM B.P.

*All Specific Gravities Guaranteed
to remain bright at 0°C*

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WHITE & HALF WHITE OILS

for METHYLATED SPIRITS

PLEASE ASK FOR OUR PRICE LIST
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**HALF WHITE and
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for Brilliantines, &c.

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Liquid Paraffin B.P.

All Grades, including
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THE PERFECTION OF PETROLEUM JELLY
MANUFACTURED SOLELY BY

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SMALLER PACKAGES IF DESIRED.

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OLEUM DEELINÆ (DEE OIL)
THE UNFAILING CURE FOR ECZEMA

Bleached
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Petroleum Jelly

White, Yellow, Amber,
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**EDIBLE, TECHNICAL
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ENQUIRIES SOLICITED

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never came Smith's way until he got his Gledhill Till. He couldn't leave because of his old-fashioned cash-checking system, and at closing time he had to spend hours "cashing up."

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Send P.C. for Catalogue
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PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

WHITE & COLOURED OILS

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COLOURLESS, TASTELESS, ODOURLESS.
ALL SPECIFIC GRAVITIES.

B.P. AND TECHNICAL QUALITIES

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ALL GRAVITIES.

HIGHEST VISCOSITY.

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CHEMICALLY PURE. WATER WHITE. ODOURLESS.
FOR MANUFACTURING PURPOSES.

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Immediate Delivery.

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THE Chemist who would progress must supply the public demand for reliable and satisfactory contraceptive. Rendell's stand alone in the reputation they enjoy and in the progressive methods by which they are manufactured and their sales stimulated. Chemists who stock them are not left behind.

The Trade has given its unqualified approval to our new booklet, "The Solution of Birth Control Problems." Chemists who have not yet received copies for distribution should write for a supply without delay.

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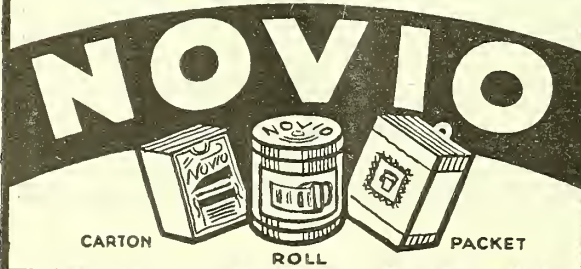


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QUININE PESSARIES



15/-

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Avoid Imitations and see the No. 332117 on each box.

THE WELL-KNOWN
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PERFECT ALL-GLASS
SPRAYS**

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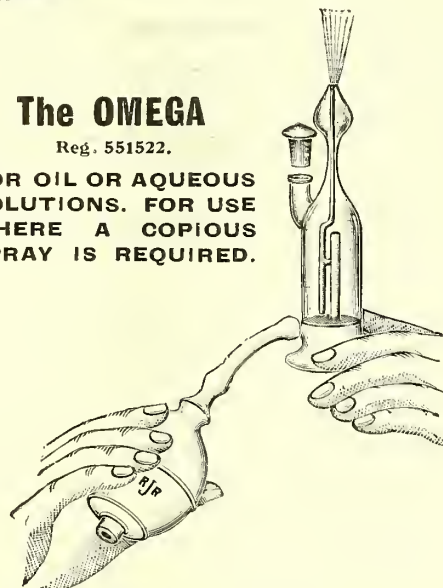
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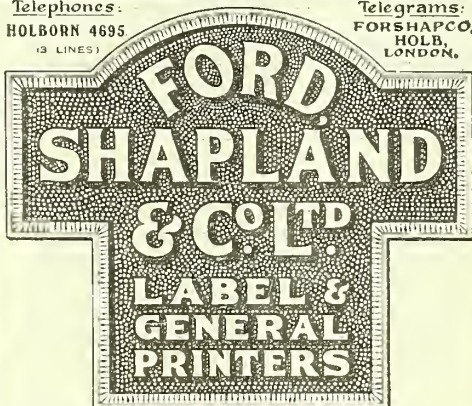
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ENVELOPES FOR SHAMPOO POWDERS,
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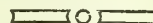
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To no other field of activity
does this Printer's Slogan
apply with greater force
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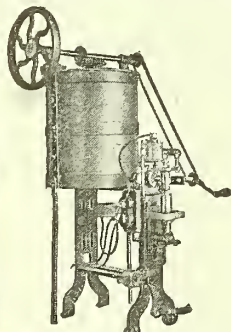
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The record makers in speed filling with cleanliness. Foot-Operated Machines. From £5 5s.
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Soundly constructed, simple in action, easy to clean.

**NEW PATENT SHALLOW TIN
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"ROYAL"

**Automatic CAN FILLING
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MACHINES, CORKING
MACHINES.**

**NEW PATENT ACCESSOR-
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BOTTLE FILLING
MACHINES** enable them to be
used as Vacuum Fillers, Gravity
Fillers or Pressure Fillers at will.

WRITE TO-DAY TO

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33 Roundcroft Street, BOLTON, LANCs.

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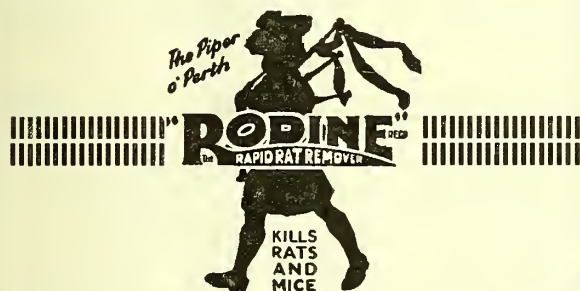
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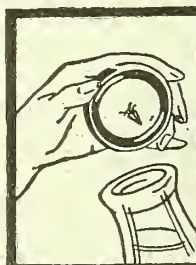
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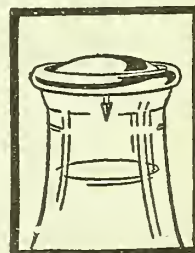
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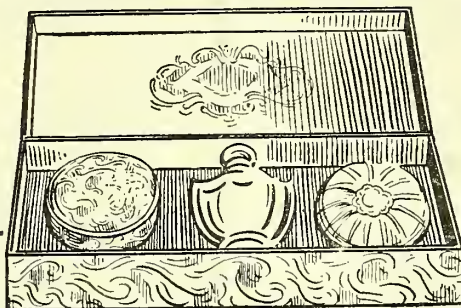
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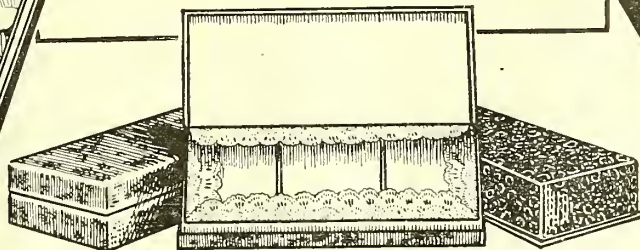
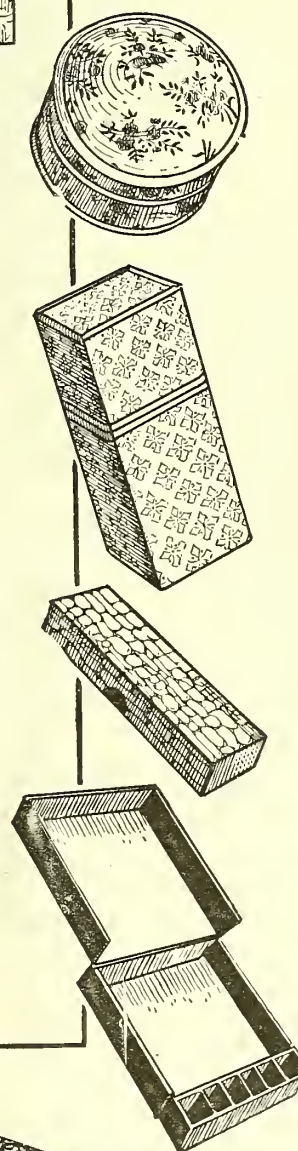
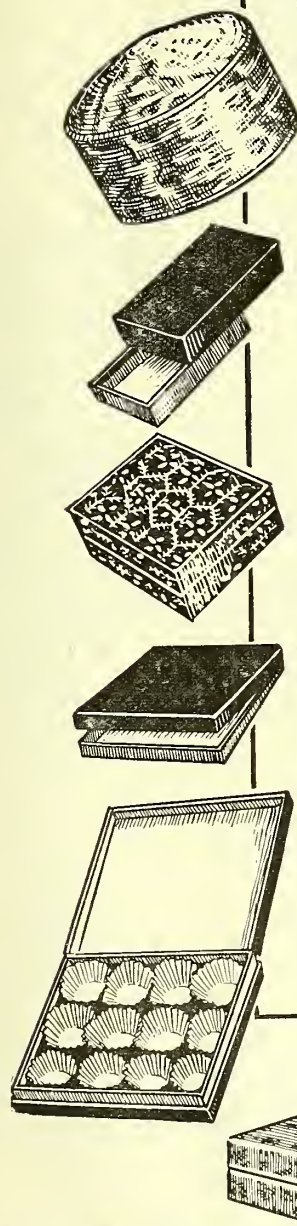
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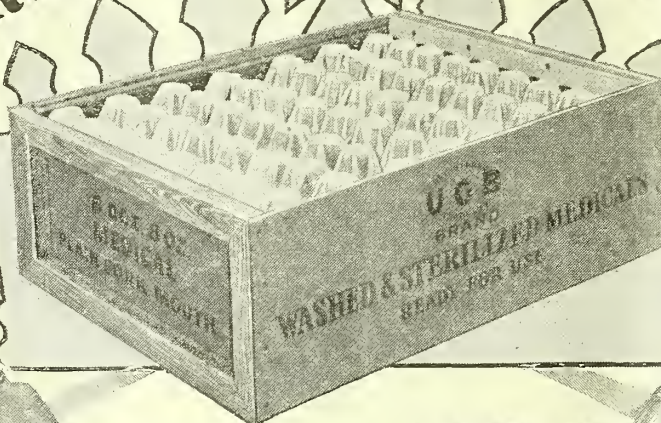
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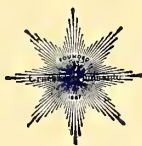
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LONDON, S.W.—Exceptional and genuine opportunity to acquire private middle-class Chemist's Business; recently established; smart lock-up pharmacy, nicely fitted and fully stocked; main road; busy thoroughfare; returns average £15 to £20 weekly at good prices; scope for considerable increase; advertiser has other professional interests, and for a quick disposal is prepared to sell at a very low price; first cheque secures. Phone Macaulay 3877, arranging interview.

MANCHESTER.—Old-established Chemist's Business for Sale; average returns 1926-1930 £2,500; good N.H.I. Dispensing; Wine and Spirit Licence; full particulars to genuine buyers; price £400; stock and fixtures at valuation. Apply 139/13, Office of this Paper.

READING.—"First hand offer." Good-class Dispensing and Family Business; well fitted and stocked; returns £1,128 per annum, increasing; house part sub-let, which clears whole of rent and rates; lease; good position offering scope for right man; valid reason for disposal; price £950. No triflers entertained. Brierley, Chemists' Valuer, 135 Queen Street, Newton Heath, Manchester. (Tel.: Failsworth 113.)

SOUTH WALES.—Seaside Business and Freehold Property for Sale; good, sound proposition; first-class Pharmacy, excellent Optical practice, fine Agricultural connection, and no opposition; modern premises and excellent living accommodation; turnover £5,000 per annum; good profits; owner joining wholesale concern; bankers' references from genuine buyers. 185/584, Office of this Paper.

DRUG Store; £250, or near offer; rent 16s.; four rooms; good profits. Call, Whiting, 58 Victoria Dock Road, London, E.16.

DRUG STORES, London, W.11; lock-up shop; thickly-populated part; low rent; sure living for qualified doing N.H.I.; price £75 and stock (smallish, varied and clean) at valuation. Ring up Park 7405, or write Advertiser, 105 Clarendon Road, W.11.

GROWING SURREY VILLAGE.—Drug Store, with Confectionery and Tobacco; opened 18 months; returns £9 weekly, increasing; old-fashioned cottage with orchard and paddock attached; about 100 fruit trees; excellent opportunity poultry farming, etc.; rent 32s. 6d. weekly; electric light; price £250; would consider partnership for development. 139/31, Office of this Paper.

OLD-ESTABLISHED Business in S.E. London, with living accommodation; long lease; moderate rent and rates; nicely fitted; in busy road and thickly populated district; qualified man could greatly increase turnover with N.H.I., Optics; no immediate opposition; price £350. Stocker & Roberts, 3 Railway Approach, Lewisham, S.E.13.

PHARMACY for Sale, Eltham district; large, well-fitted shop with pleasant house over; rapidly expanding district; minimum price £1,000. 137/21, Office of this Paper.

RETAIL Chemist's Business for Sale, West End of London; well-fitted shop; valuable lease at exceptionally low rent; price for quick sale, including stock and goodwill, £1,400, or near offer. Apply Francis Nicholls, White & Co., Chartered Accountants, 14 Old Jewry Chambers, E.C.2.

PARTNERSHIPS.

GENTLEMAN, age 27 (unqualified), 10 years' Retail experience; desires working interest in good-class pharmacy (Midlands); excellent references; capital £100. "Purchase," 812 Bristol Road, Northfield, Birmingham.

YOUNG man, active and experienced, desires genuine Partnership in a Retail and/or Wholesale Chemist, or Manufacturing Perfumery concern; no fancy propositions considered; sound future prospects essential; references given and required; capital available up to £450. Reply to Jones, 35 Somerfield Road, Finsbury Park, N.4.

NOTICE.

NOTICE OF EXAMINATIONS.

EXAMINATIONS for the Certificate of Pharmaceutical Chemist and for the Preliminary Scientific Certificate under Schedule 2 of the Pharmacy and Poisons Act (Northern Ireland), 1925, will be held in Belfast during the week beginning Monday, 22nd June, 1931.

Application Forms to be obtained from the Secretary, 55/56 Scottish Provident Buildings, Belfast, must be completed and returned to him on or before Saturday, 23rd May, 1931.

APPRENTICE.

A YOUNG lady, re-entering for Botany (Part I) in July, requires Apprenticeship. P.C.B. 44/11, Office of this Paper.

PREMISES FOR SALE.

CHEMIST'S Premises for Sale, Brighton (near Station); freehold; let off £130 year; lease worth £400; Kodak Agency; business sadly neglected; small shop, sitting room, two large cellars (convertible into basement flat); vacant possession chemist part next September; other part good tenants; no agents; bargain quick sale £1,750. Owner, 40 Colbourne Road, Hove.

FINE OPENING FOR CHEMIST. HILLINGDON, MIDDLESEX.

EXCELLENT Shop and self-contained living rooms on main Uxbridge Road, in rapidly developing district; no competition; price only £1,250 freehold, excluding shop front; £1,000 building society mortgage can be arranged; car at disposal of applicants.

Write, Barrett-Perkins, Ltd., 130 Uxbridge Road, Hanwell, W.

FREEHOLD double-fronted Shop, 26 x 25, for Sale, £1,750, or close offer; good living accommodation; semi-main road; thickly populated district, West; most suitable Chemist, etc.; principals only. "Owner," 137/34, Office of this Paper.

SITUATIONS OPEN.

RETAIL (HOME).

BIRMINGHAM.—**QUALIFIED** Manager, used to busy N.H.I. to take charge of business in shopping centre; must be smart Salesman and good Window-dresser; salary and commission. Full details of experience, salary required, and when at liberty to 137/55, Office of this Paper.

BUXTON.—Manager, qualified, must be keen Counterman, good Window-dresser, and of smart appearance, for high-class business; excellent prospects with salary and commission. Reply, giving previous experience, salary, age, and when free, to 137/550, Office of this Paper.

EAST LONDON.—Wanted, qualified man; must be able to dress Windows; some knowledge of Photography. Write, stating age, salary and experience, to P.C.E. 44/14, Office of this Paper.

LONDON, W.—Capable, gentlemanly, qualified Assistant required for first-class business; age between 30 and 40; knowledge of French an advantage; progressive position to the right man. Full particulars of experience and salary required to 138/4, Office of this Paper.

LONDON.—Young, qualified Assistant. State recent London experience, age, salary. 138/27, Office of this Paper.

LONDON AND EASTBOURNE.—Vacancies will occur shortly for qualified and unqualified Assistants (age 24-36); must be experienced all-round; smart Salesmen and reliable Dispensers; permanency; outdoors. Apply, stating age, height, experience, references, salary expected, enclose photo. Cofman's Pharmacy, 41 Hart Street, London, W.C.

LONDON, S.W.—Unqualified Assistant; must be smart Counterman, good Window-dresser and capable of taking charge; good prospects to keen and energetic man. Apply to Burnetson (Chemists), Ltd., 98 High Road, Streatham, S.W.16.

LONDON, W.1.—Qualified lady wanted, M.P.S.; experienced Dispenser and used to modern Counter methods; 70s. per week; permanency to suitable person; selected candidates only will be communicated with. 140/26, Office of this Paper.

MIDLANDS.—Unqualified Junior wanted for six weeks from June 15 to assist while members of staff on holidays. Wages required, references, and full particulars in first letter. 137/53, Office of this Paper.

A GOOD young Junior required, unqualified (male), for high-class Pharmacy in N.W. London; applicants must enclose photograph, be accurate Dispenser and good Salesman. 185/585, Office of this Paper.

ASSISTANT, young, unqualified, wanted for suburban business; applicant must have a sound knowledge of Photography and Dispensing, and be a competent Window-dresser and Counterman. Write or call, Mack, 165 High Street, Penge, S.E.

CHEMIST'S Assistant (male); unqualified; must have had first-class West-End experience. Men between the ages of 25 and 35 should apply personally before 11 a.m. Staff Controller, Harrods, Ltd., 44 Haus Crescent, S.W.1.

HOLIDAY RELIEF.—Smart, unqualified Junior required for one month, May 29 to June 29 inclusive. Comyns, 7 High Street, Carshalton, Surrey.

LADY Dispenser, with general Retail experience; Hall Certificate preferred. Write full particulars, with photo and salary required, Lewis Smith & Son, Chemists, Hereford.

LADY Assistant (unqualified) required, to commence May 18; N.H.I. Dispensing, Photography, Fancy Goods (branch establishment). Apply, with full particulars, Bewells, Ltd., 19/21 Pitfield Street, N.1.

LADY Assistant, young, unqualified, required for a quick cash business in W.5 district; must be thoroughly experienced in Toilets, Photographic and Window-dressing. Apply in first instance, giving full particulars, to 140/7, Office of this Paper.

LOCUM, required to commence immediately; must be fully qualified in Pharmacy and Optics. Reply, stating salary required, etc., to Linsley's, Ltd., 308 Earl's Court Road, S.W.

LOCUM for fortnight, commencing May 17; near Bournemouth. State salary (indoors). 139/1, Office of this Paper.

MANAGER required for working-class business in London suburb; applicant must have previous experience and used to plenty of N.H.I. Give full particulars of experience, height, age, wage expected; living accommodation available. 137/190, Office of this Paper.

MANAGER, qualified, for branch; young, capable, and energetic; salary and commission. Full particulars as to age, salary required, experience, references, and when free to I. Smith, 52 Pellou Lane, Halifax.

MANAGEMENT.—Fully-qualified Chemist and Optician required for high-class Pharmacy. Apply in first instance by letter, stating full particulars of experience, especially in Optics, together with references and salary required, Linsley's, Ltd., 308 Earl's Court Road, S.W.

QUALIFIED young lady Assistant required for working-class district near Skipton. State when at liberty, age, experience, references, and salary required to 185/583, Office of this Paper.

QUALIFIED Chemists wanted for holiday relief work in Yorkshire. Apply by letter, giving full particulars, to the District Supervisor, Taylors' Drug Co., Ltd., Boar Lane, Leeds.

QUALIFIED (lady or gentleman) required May 25 (approximately) till September 26; must have knowledge of Photography. Write, stating age, salary, etc., to F. B. Cordy, Chemist, Felixstowe.

QUALIFIED Manager for branch wanted at once. Apply Scott Wishart, 321A Lower Addiscombe Road, Croydon.

SMART qualified Manager, about 30, for working-class trade; chiefly Panel. P.C.B. 44/8, Office of this Paper.

UNQUALIFIED Assistants required for holiday relief work in London. Applicants should give full particulars of experience, age, height, wage expected, and when at liberty to 137/19, Office of this Paper.

UNQUALIFIED Junior Assistant required for Light Retail and Dispensing business in Western suburb; applicant must be of smart address, good Counterman and Window-dresser; only trustworthy and conscientious workers need apply. State salary required to 139/27, Office of this Paper.

WANTED, young, qualified man; good Window-dresser, Counterman and Dispenser; smart appearance and address. Apply 137/25, Office of this Paper.

WANTED, unqualified Assistant for high-class seaside business; experienced Dispenser essential. Reply to Jeeves & Son, 88 St. George's Road, Brighton, stating salary required and when disengaged.

WHOLESALE.

LONDON Manufacturing Chemists and Wholesale Druggists require Traveller with established connection within a radius of 15 miles of City; liberal remuneration to experienced and energetic salesman. Full details as to experience and starting income looked for to 185/581, Office of this Paper.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) **ORIGINAL TESTIMONIALS** or **VALUABLE PHOTOGRAPHS**. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

ONDON.—Stock-keeper wanted, with sound knowledge of Drugs and Chemicals. State age, experience, and salary. 5/579, Office of this Paper.

ONDON.—Experienced Representative required. Please give necessary details, which will be treated in confidence, in a letter addressed to the Secretary, Shadforth Prescription Service, d., 49 King William Street, London Bridge, E.C.4.

CHEMIST, age about 35, for production and get-up, Proprietaries Department; permanency; would suit man from retail. Apply, stating salary and experience and when disengaged, Raybould, Whitehouse & Co., Ltd., Wholesale Druggists, Dudley. (Est. 1878.)

IVE Representatives (provinces), own car, for nationally advertised lines; Chemists' and Stores' connection essential; salary, commission and expenses. Write Sales Manager, Simpson's Distributors, Ltd., 70 Milton Street, E.C.2.

REPRESENTATIVE.—Old-established Wholesale Druggists require Traveller for towns and suburbs; must have entrée and connection with Medical Practitioners; liberal salary and commission to a first-class man who can guarantee reasonable turnover in everyday requirements and introduce a speciality. Apply, with full particulars as to age, experience, and remuneration expected, to 185/580, Office of this Paper.

RAVELLERS required for finest quality Olive Oil Toilet Soaps; good commission. 135/35, Office of this Paper.

(COLONIAL, INDIAN AND FOREIGN.)

WANTED. Representatives in tropical countries to handle a Preparation for Eye Affections. Write, stating terms, to A. Cassar, Chemist, 56 Rue Anastassi, Alexandria, Egypt.

SITUATIONS WANTED.

RETAIL (HOME).

A.A.A.A.—QUALIFIED; 30; free; Manager or Assistant; Scot; single; London experience; excellent references; London preferred. 137/5, Office of this Paper.

A.A.A.A.—M.P.S., 27, seeks berth; London or South; competent all branches; London experience; moderate salary; start one week after engagement. BM/GLCC, London, W.C.1.

A.A.A.—ASSISTANT; 32; competent; trustworthy; 17 years' all-round experience; last 10 West End; excellent references; disengaged; London. "Cyanide," 3 Stacey Street, W.C.2.

A.A.A.—CHEMIST recommends his experienced Assistant of high integrity; careful Dispenser, good Window-dresser, Photographic expert, capable Counterman; unqualified; 28. Davies, 12 Naylor House, Alhion Road, Clapham, S.W.8.

A.A.A.—CAPABLE young man, qualified, age 26, experienced West End, desires London engagement; any responsibility; competent Dispenser, Counterman, Window-dresser; excellent references; disengaged; interviews on May 1 and 2. 140/27, Office of this Paper.

A CAPABLE Junior (Part I); reliable; competent Dispenser and Counterman; excellent references; disengaged. Bishop, 12 Darnay Road, S.W.18.

A LOCUM; qualified; long experience in all branches; active; excellent references; terms moderate. "S. C. J.," 54 Priory Road, West Hampstead, N.W.6. 'Phone: Maida Vale 8212.

A QUALIFIED Chemist, 35, seeks position as Manager with private chemist or small company; 11 years' managerial experience in good-class pharmacies; fully experienced in all branches; well recommended. 139/30, Office of this Paper.

A QUALIFIED Chemist, age 23, desires position as Assistant; capable Dispenser, tactful and courteous Salesman, good Window-dresser; excellent all-round experience; smart appearance. "M.P.S.," 7 Railway Street, Chatham.

A QUALIFIED Chemist, age 23, 6 years' experience, requires permanency or temporary. Mr. Ahle, 15 Manchester Road, S.E.6.

A QUALIFIED Chemist, 29, 13 years' experience every department of Pharmacy, seeks post as Manager; up to date, competent and methodical; well recommended; specialises in Buying, Display and Salesmanship. "Chemist," "Cranleigh," 58 Oakfield Road, London, N.4.

A YOUNG, qualified man desires post; Manager or Assistant; capable and reliable; first-class references; permanency; free June 1. 140/3, Office of this Paper.

A S Locum or permanency, whole or part time; excellent references and experience; middle-aged; moderate salary. "Reliable," 100 Star Street, London, W.2.

A S General Assistant (lady); Counter and Toilet; experienced. "F. W.," 53 Chichester Road, Kilburn, N.W.6.

A SSISTANT, unqualified, 22, tall, reliable, 6 years' experience, all branches, desires situation with Chemist, Doctor or Institution; moderate salary; disengaged; go anywhere; permanency preferred. Dohhy, Skelton Road, York.

A SSISTANT.—Young lady, 22, 5 years' experience, Dispensing, Counter, Photographics, requires situation in London. "R. W.," 4 Streatham Vale, S.W.16.

A SSISTANT; 3 years' varied experience; keen, courteous Salesman; willing worker; disengaged. "J. D. H.," 188 Venner Road, S.E.26.

A SSISTANT; unqualified; all-round experience; Locum or permanent; town or country. "Chemicus," 72 Tremadoc Road, Clapham, S.W.4.

A SSISTANT; unqualified; London and country (25 years' varied experience); reliable; active; trustworthy; disengaged. "Chemicus," 69 Upper Richmond Road, Putney.

A SSISTANT; unqualified; 24; excellent references; trustworthy; reliable Dispenser, smart Salesman, Window-dresser; Photographic knowledge. "Worker," 179 Chamberlayne Road, N.W.10.

A SSISTANT, unqualified, 22, married, seeks post; Dispensing and Counter; can manage; free June 21; state wages; Midlands preferred. Apply 140/15, Office of this Paper.

A SSISTANT, Junior; age 19½; tall; smart; excellent references; 5½ years present situation; Counter, Window-dressing, Photography, N.H.I. Dispensing; S.E. London preferred. 140/14, Office of this Paper.

A SSISTANT (Junior) desires change; tall; good appearance; Dispenser, Counterman, Window-dresser, Photographics (D. & P.); London or Midlands. 139/39, Office of this Paper.

A SSISTANT.—Locum or permanency; 30 years' experience; would manage Drug Store, view purchase. Bagshaw, Park Square, Newport, Mon.

A SSISTANT; unqualified; 22; tall; trustworthy; West-End experience; reliable Dispenser, smart Salesman, good Window-dresser; Photographic knowledge; disengaged. "C.," 44 Turneville Road, Kensington, W.14.

A SSISTANT; unqualified; tall; quick; capable Dispenser, Window and Display Artist; Photography and N.H.I. Raymond, 16 Northwood Road, Highgate, N.6.

A SSISTANT, 23, Part I (referred Physics), desires post till October; has been left in charge. Linnington, 88 Loftus Road, W.12.

A SSISTANT; unqualified; 24; six years' Retail, three years' Wholesale; good all-round experience; reliable, trustworthy; well recommended; local preferred. Jordan, 56 Islingword Place, Brighton.

A SSISTANT or Locum; good experience; excellent references; disengaged. "S. S.," 135 High Road, Lee, S.E.15.

A SSISTANT; unqualified; 26; tall; eight years' experience in good-class Dispensing and Counter; disengaged. "Advertiser," "Belmont," Yarmouth Road, Lowestoft North.

A T LIBERTY.—Unqualified; male; experienced; Locum or periods; booking season's dates; moderate salary. "S.," 45 Sidwell Street, Exeter.

BIRMINGHAM DISTRICT.—Assistant or Locum; tall; unqualified; 22; excellent experience, Dispensing, Window-dressing, etc.; keen and capable. "Spero," c/o 70 Grafton Road, Handsworth, Birmingham.

BRANCH Manager, qualified, 29, married, requires responsible position; good-class London and South Coast experience; good living accommodation necessary or outdoors; free at short notice; photo available. 113 Woolwich Road, Abbey Wood, S.E.2.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

COMPETENT, unqualified Assistant (studying) requires Saturday post in London; 5 years' all-round experience with well-known pharmacists; excellent Dispenser; quick Counter. Wells, 72 Jeffreys Road, Clapham, S.W.4.

DEVELOPING AND PRINTING.—Expert seeks situation. Photographic Chemist running own works; age 51; Pharmacy trained; used trade work, counter and general sales. Parkins, Woodland Grove, Mansfield Woodhouse, Notts.

ELDERLY Qualified desires part-time employment in country town near London. Baker, 81 Elgar Road, Reading.

FORTNIGHTS OR LONGER.—Engagements desired by up-to-date Chemist; experienced every branch; excellent recent testimonials from long and repeated engagements; moderate terms. "Chemist," 56 St. Stephen's Road, Norwich.

F.S.M.C.—UNQUALIFIED Pharmacist desires progressive post; unafraid of work; undeniable references. Green, 35 Albion Street, South Wigston, Leicester.

JUNIOR (Part I), 20, requires post until September; efficient Counter-hand and Dispenser; capable of taking charge; well recommended. "I. A.," 4 Beaumont Street, Stepney, E.1.

JUNIOR Assistant; aged 20; 6 ft.; good experience; N.H.I., Window-dressing, Photography, etc. L. Wooldridge, 541 Bloxwich Road, Walsall.

JUNIOR (lady), 21; 4½ years' experience. Dispensing and Counter; country or South Coast preferred, but not essential. Baker, Charters Road Nursery, Sunningdale.

JUNIOR, 20½, tall, keen, requires position in good Dispensing Business; had good-class varied experience; finished three years' apprenticeship; passed Part I. Godden, 69 Roberts Road, High Wycombe.

LADY, 29, unqualified Assistant, desires situation; 8 years' all-round experience. 134/9, Office of this Paper.

LOCUM.—Lady Dispenser (Hall) booking dates; experienced; Doctor or Institution. Miss Eales, "The Cottage," Littleworth, Green's Norton, Towcester.

LADY Dispenser (Part I), 20, requires situation for summer months; Doctor or Institution preferred; Bristol or Weston district. 137/4, Office of this Paper.

LADY (Hall) requires Locum, part- or whole-time position; good experience. E. Crouch, 346 Dunstable Road, Luton, Beds.

LADY Assistant; unqualified; keen Saleswoman; can assist all departments except dispensing. "Myristice," 2 Bradley Crescent, Shirehampton, Bristol.

LADY Dispenser (Hall) requires post in South of England; 6 years' experience in Dispensing and Counter work. 153/10, Office of this Paper.

LADY (Hall) desires situation; Chemist, Doctor, Hospital; permanent or Locum; excellent London Dispensing and Counter experience; pharmacy trained; London or South; disengaged. "M.," 20 Denbigh Road, Pembroke Crescent, Bayswater, W.11.

LADY M.P.S. requires Locum, part- or whole-time position; excellent experience and testimonials. "Pharmacist," 140 Belsize Road, N.W.6.

LADY, qualified, 6 years' experience in Retail in all branches. 3 years as manager, seeks post in London or South of England as Manager or First Assistant in large pharmacy. 140/32, Office of this Paper.

LADY Dispenser (Hall) requires Locum for May and June; experienced knowledge of book-keeping; London area or the South preferred. 140/23, Office of this Paper.

LIVE unqualified Assistant; 22; real asset; thorough Photographic knowledge, practical, theoretical, and selling. Window-dressing, Dispensing; seven years last position. "A.," 115 Park Road, Kingston Hill, Surrey.

LOCUM, relief, Manager; "not registered"; 20 years' experience; Dispensing, Stock, Counter, Salesman, Prescriber. "C.," 150 Scott-Ellis Gardens, N.W.8.

LOCUM.—Qualified Chemist (male) requires more Locums; anywhere; long or short periods; highest references; moderate salary. 158/33, Office of this Paper.

LOCUM; experienced; highest references; vacant dates May 20 to June 20. "Locum," Carno, Chemist, 165 Brecknock Road, N.19.

LOCUM; vacant dates May 7-June 6, June 15-27, July 20-August 1st. "Pharmacist," 70 Lee Road, Blackheath, S.E.3.

LOCUM, Relief or Manager; qualified; middle-aged; knowledge Photography; reliable references; London preferred. 159/36, Office of this Paper.

MANAGER, qualified, 45, desires permanency; outdoors; no disengaged; London, provincial and seaside experience; good Salesman and Window-dresser; energetic, reliable and trustworthy; excellent references. Huggins, "Fontaine Skegness."

MANAGER.—Locum or permanency; Major; 50; thorough capable; experienced Counter, Dispensing, Photography. Clarkson, 74 Gouthorpe, Selby, Yorks.

MANAGER, qualified, young, desires progressive position; all-round knowledge; at present managing. 138/39, Office of this Paper.

M.P.S.; age 25 years; 8 years' all-round experience including Photography; interview essential. London preferred. 157/18, Office of this Paper.

M.P.S., F.S.M.C. eligible for J.C.Q.O. registration, London and provincial managing experience, require Managership in provinces; excellent references; reasonable salary. 158/37, Office of this Paper.

M.P.S..—LOCUM, part time or relief; middle-aged; disengaged; engaged May, July and August; recommended "S.," 32 Steyne Gardens, Worthing.

PART time, London; Junior; 22; evenings or otherwise unafraid of work; Dispensing, Counter. Davies, 26 Richmond Terrace, Clapham Road.

PART TIME.—Assistant, 22, good experience (reference Part II), requires position, evenings and all day Saturday or similar; London, W. S.W. or suburban. Osborne, 276 Nelson Road, Whitton, Twickenham.

PERMANENCY or Locum; middle-aged; tall; unqualified; all round experience; trustworthy; capable taking charge "Statim," 25 Doughty Street, Holborn, W.C.1.

PHARMACIST desires position, mornings, afternoons, or both in Manchester. Bagnall, M.P.S., 24 Austin Drive, Didsbury. Telephone 3512.

PHARMACIST (lady), 8 years' good Hospital experience, booking Locums (London preferred), shop, Doctor or Hospital also desires permanency, anywhere; highest references. Gough, 19 St. Bernard's Road, Olton, Birmingham.

PHARMACIST requires position of responsibility, where executive and administrative ability, with business initiative, can be fully employed; complete Retailing experience and accustomed to large business. 159/9, Office of this Paper.

QUALIFIED Manager, 38, single, disengaged, desires post; good all-round London and country experience. "M.P.S.," 70 Grangehill Road, Eltham, S.E.9.

QUALIFIED; excellent experience; 4½ years as Manager; tall; good appearance. "M.P.S.," 487 High Road, Tottenham, N.17.

QUALIFIED; 35; fully experienced Manager; open for Locum or permanency; town or country. Apply "Chemist," 5 Chelsham Road, S.W.4.

QUALIFIED, 24, tall, energetic, desires position with Chemist, Optician; temporary or permanent; South or West of England preferred; free end of May. "M.P.S.," 2 Cedar Avenue, Shirley, Southampton.

QUALIFIED; 48; single; West-End and provincial experience; Locum or permanency; disengaged. "S.," York House, College Road, Maidenhead.

QUALIFIED lady desires post, permanent, Locum or part time; Leicester or district. "Pharmacist," "Westleigh," Peters Drive, Ilmberstone Park, Leicester.

UNQUALIFIED Assistant, Public School, 25, smart appearance, good references, requires situation; good general experience; Birmingham preferred. 137/36, Office of this Paper.

UNQUALIFIED, competent, thoroughly experienced, tall, good personality and address, abstainer, single, Spricht Deutsch, successful Prescriber, desires situation with Chemist, Doctor, Institution or Wholesale. Howard, 30 Pinlicko, Ilkeston (Derby).

UNQUALIFIED Assistant at liberty for relief work, May, July 20 to August 22 and September; London; 18 years' experience; capable of managing; well recommended. Walker, 189 Wandsworth Road, S.W.

UNQUALIFIED (25); City and West-End experience. C. J. Hunter, 7 Redburn Street, S.W.5.

UNQUALIFIED; 24; tall; good Window-dresser; Part I; temporary/permanent; available immediately. "M.," 21 Abbott's Park Road, Leyton.

TRAVELLER (Resident London).

emplates making a change. Salary, Expenses and Commission, or part penses and Commission in conjunction with two or three other firms. tensive personal connection throughout England, Scotland, Wales, Irish ee State, and Northern Ireland, amongst all the leading Wholesale Hair- essers and Chemists Sundriesmen (also approx. 400 good live Retail Cust- ers in London and Midlands). Renowned Super Salesman and one of the t known personalities in the Trade. **Manufacturers only of good anding of Perfumery, Toilet Preparations, and Medicinal Packed oods** please reply to "Pioneer," 138/22, Office of this Paper. (Advertiser is approx. £1,000 a year man.)

QUALIFIED Assistant, with Part I, wants appointment, May to September inclusive; height 5 ft. 9½ in.; age, 20½; unmarried; excellent reference; or will accept Locum jobs. amper, Lorton Street, Cockermouth, Cumberland.

QUALIFIED; Dispensing and Counter; good experience and references; age 22 years; tall. M. A. Brown, "St. es," High Street, Wivenhoe, Essex.

QUALIFIED Assistant, age 23, requires position in London; experienced in all branches; excellent references. R., 671 Romford Road, E.12.

WHITSUN AND SUMMER SEASON.—Experienced Pharmacist, 34, height 6 ft., seeks post; South Coast preferred; lesman, Photography and accurate Dispenser; at present anaging branch. 139/2, Office of this Paper.

OUNG lady (Hall qualification); good Dispensing and Counter experience; disengaged; S.W. district preferred. "L. Y., Weston Hill, Upper Norwood.

WHOLESALE.

AMBITIOUS, energetic young man seeks post as Traveller, or inside with a view to graduating as a traveller; some outside experience; good knowledge of the trade. 137/29, Office of this Paper.

CHEMIST, tall, good appearance, exceptionally varied experience in all branches Retail and knowing its requirements, seeks post as Representative; well known and good standing among East Anglian and Southern Chemists; energetic, enthusiastic and loyal; own car if required. 138/25, Office of this Paper.

APABLE, young, good address, desires position with reputable firm as Representative; 12 years' high-class Retail experience. 140/11, Office of this Paper.

COUNTER work, Wets and Dyes, Poisons, D.D.A.'s Stocks, Records, etc.; good experience. "Rex," 135 Seaford Road, Tottenham.

LONDON Representative; home trade or export; can introduce business in latter; or inside export man. P.C.B. 44/12, Office of this Paper.

MEDICAL OR DENTAL PROPAGANDA.—Gentleman, with experience among Medical and Dental Professions and excellent Pharmaceutical experience, desires position. Batchelor," 138/130, Office of this Paper.

PERFUMERY Chemist (M.P.S.), many years' experience manufacturing Toilet Articles, Concentrated Essences and perfumes, ability to create lines of originality and taste, desires situation in or near London. 140/10, Office of this Paper.

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